1	(0)	1
5	(4, 0)	2
21	(6, 0)	2
85	(8, 0)	2
341	(10, 0)	2
1365	(12, 0)	2
5461	(14, 0)	2
3	(4, 1, 0)	3
13	(4, 3, 0)	3
53	(4, 5, 0)	3
113	(8, 2, 0)	3
213	(4, 7, 0)	3
227	(10, 1, 0)	3
453	(8, 4, 0)	3
853	(4, 9, 0)	3
909	(10, 3, 0)	3
1813	(8, 6, 0)	3
3413	(4, 11, 0)	3
3637	(10, 5, 0)	3
7253	(8, 8, 0)	3
7281	(14, 2, 0)	3
13653	(4, 13, 0)	3
14549	(10, 7, 0)	3
14563	(16, 1, 0)	3
17	(4, 3, 2, 0)	4
35	(4, 5, 1, 0)	4
69	(4, 3, 4, 0)	4
75	(8, 2, 1, 0)	4
141	(4, 5, 3, 0)	4
151	(10, 1, 1, 0)	4

277	(4, 3, 6, 0)	4
301	(8, 2, 3, 0)	4
565	(4, 5, 5, 0)	4
605	(10, 1, 3, 0)	4
1109	(4, 3, 8, 0)	4
1137	(4, 9, 2, 0)	4
1205	(8, 2, 5, 0)	4
2261	(4, 5, 7, 0)	4
2275	(4, 11, 1, 0)	4
2417	(8, 6, 2, 0)	4
2421	(10, 1, 5, 0)	4
4437	(4, 3, 10, 0)	4
4549	(4, 9, 4, 0)	4
4821	(8, 2, 7, 0)	4
4835	(8, 8, 1, 0)	4
4849	(10, 5, 2, 0)	4
9045	(4, 5, 9, 0)	4
9101	(4, 11, 3, 0)	4
9669	(8, 6, 4, 0)	4
9685	(10, 1, 7, 0)	4
9699	(10, 7, 1, 0)	4
17749	(4, 3, 12, 0)	4
18197	(4, 9, 6, 0)	4
19285	(8, 2, 9, 0)	4
19341	(8, 8, 3, 0)	4
19397	(10, 5, 4, 0)	4
19417	(16, 1, 2, 0)	4
11	(4, 3, 2, 1, 0)	5
23	(4, 5, 1, 1, 0)	5
45	(4, 3, 2, 3, 0)	5
93	(4, 5, 1, 3, 0)	5

181	(4, 3, 2, 5, 0)	5
201	(10, 1, 1, 2, 0)	5
369	(4, 3, 6, 2, 0)	5
373	(4, 5, 1, 5, 0)	5
401	(8, 2, 3, 2, 0)	5
403	(10, 1, 3, 1, 0)	5
725	(4, 3, 2, 7, 0)	5
739	(4, 3, 8, 1, 0)	5
753	(4, 5, 5, 2, 0)	5
803	(8, 2, 5, 1, 0)	5
805	(10, 1, 1, 4, 0)	5
1477	(4, 3, 6, 4, 0)	5
1493	(4, 5, 1, 7, 0)	5
1507	(4, 5, 7, 1, 0)	5
1605	(8, 2, 3, 4, 0)	5
1611	(8, 6, 2, 1, 0)	5
1613	(10, 1, 3, 3, 0)	5
2901	(4, 3, 2, 9, 0)	5
2957	(4, 3, 8, 3, 0)	5
3013	(4, 5, 5, 4, 0)	5
3033	(4, 11, 1, 2, 0)	5
3213	(8, 2, 5, 3, 0)	5
3221	(10, 1, 1, 6, 0)	5
3223	(8, 8, 1, 1, 0)	5
5909	(4, 3, 6, 6, 0)	5
5973	(4, 5, 1, 9, 0)	5
6029	(4, 5, 7, 3, 0)	5
6065	(4, 9, 4, 2, 0)	5
6067	(4, 11, 3, 1, 0)	5
6421	(8, 2, 3, 6, 0)	5
6445	(8, 6, 2, 3, 0)	5

6453	(10, 1, 3, 5, 0)	5
6465	(10, 5, 2, 2, 0)	5
11605	(4, 3, 2, 11, 0)	5
11829	(4, 3, 8, 5, 0)	5
12053	(4, 5, 5, 6, 0)	5
12131	(4, 9, 6, 1, 0)	5
12133	(4, 11, 1, 4, 0)	5
12853	(8, 2, 5, 5, 0)	5
12885	(10, 1, 1, 8, 0)	5
12893	(8, 8, 1, 3, 0)	5
12913	(10, 1, 7, 2, 0)	5
12931	(10, 5, 4, 1, 0)	5
7	(4, 3, 2, 1, 1, 0)	6
15	(4, 5, 1, 1, 1, 0)	6
29	(4, 3, 2, 1, 3, 0)	6
61	(4, 5, 1, 1, 3, 0)	6
117	(4, 3, 2, 1, 5, 0)	6
241	(4, 3, 2, 5, 2, 0)	6
245	(4, 5, 1, 1, 5, 0)	6
267	(8, 2, 3, 2, 1, 0)	6
469	(4, 3, 2, 1, 7, 0)	6
483	(4, 3, 2, 7, 1, 0)	6
497	(4, 5, 1, 5, 2, 0)	6
535	(8, 2, 5, 1, 1, 0)	6
537	(10, 1, 3, 1, 2, 0)	6
965	(4, 3, 2, 5, 4, 0)	6
981	(4, 5, 1, 1, 7, 0)	6
985	(4, 3, 8, 1, 2, 0)	6
995	(4, 5, 1, 7, 1, 0)	6
1069	(8, 2, 3, 2, 3, 0)	6
1073	(10, 1, 1, 4, 2, 0)	6

1075	(10, 1, 3, 3, 1, 0)	6
1877	(4, 3, 2, 1, 9, 0)	6
1933	(4, 3, 2, 7, 3, 0)	6
1969	(4, 3, 6, 4, 2, 0)	6
1971	(4, 3, 8, 3, 1, 0)	6
1989	(4, 5, 1, 5, 4, 0)	6
2009	(4, 5, 7, 1, 2, 0)	6
2141	(8, 2, 5, 1, 3, 0)	6
2147	(10, 1, 1, 6, 1, 0)	6
2149	(10, 1, 3, 1, 4, 0)	6
3861	(4, 3, 2, 5, 6, 0)	6
3925	(4, 5, 1, 1, 9, 0)	6
3939	(4, 3, 6, 6, 1, 0)	6
3941	(4, 3, 8, 1, 4, 0)	6
3981	(4, 5, 1, 7, 3, 0)	6
4017	(4, 5, 5, 4, 2, 0)	6
4019	(4, 5, 7, 3, 1, 0)	6
4043	(4, 9, 4, 2, 1, 0)	6
4277	(8, 2, 3, 2, 5, 0)	6
4293	(10, 1, 1, 4, 4, 0)	6
4297	(8, 8, 1, 1, 2, 0)	6
4301	(10, 1, 3, 3, 3, 0)	6
7509	(4, 3, 2, 1, 11, 0)	6
7733	(4, 3, 2, 7, 5, 0)	6
7877	(4, 3, 6, 4, 4, 0)	6
7885	(4, 3, 8, 3, 3, 0)	6
7957	(4, 5, 1, 5, 6, 0)	6
8035	(4, 5, 5, 6, 1, 0)	6
8037	(4, 5, 7, 1, 4, 0)	6
8087	(4, 9, 6, 1, 1, 0)	6
8089	(4, 11, 3, 1, 2, 0)	6

8561	(8, 2, 3, 6, 2, 0)	6
8565	(8, 2, 5, 1, 5, 0)	6
8589	(10, 1, 1, 6, 3, 0)	6
8593	(8, 6, 2, 3, 2, 0)	6
8595	(8, 8, 1, 3, 1, 0)	6
8597	(10, 1, 3, 1, 6, 0)	6
15445	(4, 3, 2, 5, 8, 0)	6
15473	(4, 3, 2, 11, 2, 0)	6
15701	(4, 5, 1, 1, 11, 0)	6
15757	(4, 3, 6, 6, 3, 0)	6
15765	(4, 3, 8, 1, 6, 0)	6
15925	(4, 5, 1, 7, 5, 0)	6
16069	(4, 5, 5, 4, 4, 0)	6
16077	(4, 5, 7, 3, 3, 0)	6
16173	(4, 9, 4, 2, 3, 0)	6
16177	(4, 11, 1, 4, 2, 0)	6
16179	(4, 11, 3, 3, 1, 0)	6
17109	(8, 2, 3, 2, 7, 0)	6
17123	(8, 2, 3, 8, 1, 0)	6
17137	(8, 2, 5, 5, 2, 0)	6
17173	(10, 1, 1, 4, 6, 0)	6
17187	(8, 6, 2, 5, 1, 0)	6
17189	(8, 8, 1, 1, 4, 0)	6
17205	(10, 1, 3, 3, 5, 0)	6
17217	(10, 1, 7, 2, 2, 0)	6
17241	(10, 5, 4, 1, 2, 0)	6
17259	(16, 1, 2, 2, 1, 0)	6
9	(4, 3, 2, 1, 1, 2, 0)	7
19	(4, 3, 2, 1, 3, 1, 0)	7
37	(4, 3, 2, 1, 1, 4, 0)	7
77	(4, 3, 2, 1, 3, 3, 0)	7

81	(4, 5, 1, 1, 3, 2, 0)	7
149	(4, 3, 2, 1, 1, 6, 0)	7
163	(4, 5, 1, 1, 5, 1, 0)	7
309	(4, 3, 2, 1, 3, 5, 0)	7
321	(4, 3, 2, 5, 2, 2, 0)	7
325	(4, 5, 1, 1, 3, 4, 0)	7
331	(4, 5, 1, 5, 2, 1, 0)	7
597	(4, 3, 2, 1, 1, 8, 0)	7
625	(4, 3, 2, 1, 7, 2, 0)	7
643	(4, 3, 2, 5, 4, 1, 0)	7
653	(4, 5, 1, 1, 5, 3, 0)	7
663	(4, 5, 1, 7, 1, 1, 0)	7
713	(8, 2, 5, 1, 1, 2, 0)	7
715	(10, 1, 1, 4, 2, 1, 0)	7
1237	(4, 3, 2, 1, 3, 7, 0)	7
1251	(4, 3, 2, 1, 9, 1, 0)	7
1285	(4, 3, 2, 5, 2, 4, 0)	7
1301	(4, 5, 1, 1, 3, 6, 0)	7
1313	(4, 3, 8, 1, 2, 2, 0)	7
1325	(4, 5, 1, 5, 2, 3, 0)	7
1339	(4, 5, 7, 1, 2, 1, 0)	7
1425	(8, 2, 3, 2, 3, 2, 0)	7
1427	(8, 2, 5, 1, 3, 1, 0)	7
1431	(10, 1, 1, 6, 1, 1, 0)	7
1433	(10, 1, 3, 3, 1, 2, 0)	7
2389	(4, 3, 2, 1, 1, 10, 0)	7
2501	(4, 3, 2, 1, 7, 4, 0)	7
2573	(4, 3, 2, 5, 4, 3, 0)	7
2577	(4, 3, 2, 7, 3, 2, 0)	7
2613	(4, 5, 1, 1, 5, 5, 0)	7
2625	(4, 3, 6, 4, 2, 2, 0)	7

2627	(4, 3, 8, 1, 4, 1, 0)	7
2653	(4, 5, 1, 7, 1, 3, 0)	7
2679	(4, 5, 7, 3, 1, 1, 0)	7
2695	(4, 9, 4, 2, 1, 1, 0)	7
2851	(8, 2, 3, 2, 5, 1, 0)	7
2853	(8, 2, 5, 1, 1, 4, 0)	7
2861	(10, 1, 1, 4, 2, 3, 0)	7
2865	(10, 1, 3, 1, 4, 2, 0)	7
2867	(10, 1, 3, 3, 3, 1, 0)	7
4949	(4, 3, 2, 1, 3, 9, 0)	7
5005	(4, 3, 2, 1, 9, 3, 0)	7
5141	(4, 3, 2, 5, 2, 6, 0)	7
5155	(4, 3, 2, 7, 5, 1, 0)	7
5205	(4, 5, 1, 1, 3, 8, 0)	7
5233	(4, 5, 1, 1, 9, 2, 0)	7
5251	(4, 3, 6, 4, 4, 1, 0)	7
5253	(4, 3, 8, 1, 2, 4, 0)	7
5301	(4, 5, 1, 5, 2, 5, 0)	7
5357	(4, 5, 7, 1, 2, 3, 0)	7
5391	(4, 9, 6, 1, 1, 1, 0)	7
5701	(8, 2, 3, 2, 3, 4, 0)	7
5707	(8, 2, 3, 6, 2, 1, 0)	7
5709	(8, 2, 5, 1, 3, 3, 0)	7
5725	(10, 1, 1, 6, 1, 3, 0)	7
5729	(8, 8, 1, 1, 2, 2, 0)	7
5731	(10, 1, 3, 1, 6, 1, 0)	7
5733	(10, 1, 3, 3, 1, 4, 0)	7
9557	(4, 3, 2, 1, 1, 12, 0)	7
10005	(4, 3, 2, 1, 7, 6, 0)	7
10293	(4, 3, 2, 5, 4, 5, 0)	7
10309	(4, 3, 2, 7, 3, 4, 0)	7

10315	(4, 3, 2, 11, 2, 1, 0)	7
10453	(4, 5, 1, 1, 5, 7, 0)	7
10467	(4, 5, 1, 1, 11, 1, 0)	7
10501	(4, 3, 6, 4, 2, 4, 0)	7
10509	(4, 3, 8, 1, 4, 3, 0)	7
10513	(4, 3, 8, 3, 3, 2, 0)	7
10609	(4, 5, 1, 5, 6, 2, 0)	7
10613	(4, 5, 1, 7, 1, 5, 0)	7
10713	(4, 5, 5, 6, 1, 2, 0)	7
10717	(4, 5, 7, 3, 1, 3, 0)	7
10781	(4, 9, 4, 2, 1, 3, 0)	7
10785	(4, 11, 3, 1, 2, 2, 0)	7
11405	(8, 2, 3, 2, 5, 3, 0)	7
11413	(8, 2, 5, 1, 1, 6, 0)	7
11415	(8, 2, 3, 8, 1, 1, 0)	7
11445	(10, 1, 1, 4, 2, 5, 0)	7
11457	(8, 6, 2, 3, 2, 2, 0)	7
11459	(8, 8, 1, 1, 4, 1, 0)	7
11461	(10, 1, 3, 1, 4, 4, 0)	7
11469	(10, 1, 3, 3, 3, 3, 0)	7
19797	(4, 3, 2, 1, 3, 11, 0)	7
25	(4, 3, 2, 1, 3, 1, 2, 0)	8
49	(4, 3, 2, 1, 1, 4, 2, 0)	8
51	(4, 3, 2, 1, 3, 3, 1, 0)	8
99	(4, 3, 2, 1, 1, 6, 1, 0)	8
101	(4, 3, 2, 1, 3, 1, 4, 0)	8
197	(4, 3, 2, 1, 1, 4, 4, 0)	8
205	(4, 3, 2, 1, 3, 3, 3, 0)	8
217	(4, 5, 1, 1, 5, 1, 2, 0)	8
397	(4, 3, 2, 1, 1, 6, 3, 0)	8
405	(4, 3, 2, 1, 3, 1, 6, 0)	8

433	(4, 5, 1, 1, 3, 4, 2, 0)	8
435	(4, 5, 1, 1, 5, 3, 1, 0)	8
441	(4, 5, 1, 5, 2, 1, 2, 0)	8
475	(8, 2, 5, 1, 1, 2, 1, 0)	8
789	(4, 3, 2, 1, 1, 4, 6, 0)	8
821	(4, 3, 2, 1, 3, 3, 5, 0)	8
833	(4, 3, 2, 1, 7, 2, 2, 0)	8
857	(4, 3, 2, 5, 4, 1, 2, 0)	8
867	(4, 5, 1, 1, 3, 6, 1, 0)	8
869	(4, 5, 1, 1, 5, 1, 4, 0)	8
875	(4, 3, 8, 1, 2, 2, 1, 0)	8
883	(4, 5, 1, 5, 2, 3, 1, 0)	8
951	(8, 2, 5, 1, 3, 1, 1, 0)	8
953	(10, 1, 1, 4, 2, 1, 2, 0)	8
955	(10, 1, 3, 3, 1, 2, 1, 0)	8
1589	(4, 3, 2, 1, 1, 6, 5, 0)	8
1621	(4, 3, 2, 1, 3, 1, 8, 0)	8
1649	(4, 3, 2, 1, 3, 7, 2, 0)	8
1667	(4, 3, 2, 1, 7, 4, 1, 0)	8
1713	(4, 3, 2, 5, 2, 4, 2, 0)	8
1715	(4, 3, 2, 5, 4, 3, 1, 0)	8
1733	(4, 5, 1, 1, 3, 4, 4, 0)	8
1741	(4, 5, 1, 1, 5, 3, 3, 0)	8
1751	(4, 3, 8, 1, 4, 1, 1, 0)	8
1765	(4, 5, 1, 5, 2, 1, 4, 0)	8
1785	(4, 5, 7, 1, 2, 1, 2, 0)	8
1901	(8, 2, 5, 1, 1, 2, 3, 0)	8
1907	(10, 1, 1, 4, 2, 3, 1, 0)	8
1911	(10, 1, 3, 3, 3, 1, 1, 0)	8
3157	(4, 3, 2, 1, 1, 4, 8, 0)	8
3185	(4, 3, 2, 1, 1, 10, 2, 0)	8

3285	(4, 3, 2, 1, 3, 3, 7, 0)	8
3299	(4, 3, 2, 1, 3, 9, 1, 0)	8
3333	(4, 3, 2, 1, 7, 2, 4, 0)	8
3427	(4, 3, 2, 5, 2, 6, 1, 0)	8
3429	(4, 3, 2, 5, 4, 1, 4, 0)	8
3469	(4, 5, 1, 1, 3, 6, 3, 0)	8
3477	(4, 5, 1, 1, 5, 1, 6, 0)	8
3501	(4, 3, 8, 1, 2, 2, 3, 0)	8
3533	(4, 5, 1, 5, 2, 3, 3, 0)	8
3537	(4, 5, 1, 7, 1, 3, 2, 0)	8
3571	(4, 5, 7, 1, 2, 3, 1, 0)	8
3593	(4, 9, 4, 2, 1, 1, 2, 0)	8
3801	(8, 2, 3, 2, 5, 1, 2, 0)	8
3805	(8, 2, 5, 1, 3, 1, 3, 0)	8
3813	(10, 1, 1, 4, 2, 1, 4, 0)	8
3819	(8, 8, 1, 1, 2, 2, 1, 0)	8
3821	(10, 1, 3, 3, 1, 2, 3, 0)	8
6357	(4, 3, 2, 1, 1, 6, 7, 0)	8
6371	(4, 3, 2, 1, 1, 12, 1, 0)	8
6485	(4, 3, 2, 1, 3, 1, 10, 0)	8
6597	(4, 3, 2, 1, 3, 7, 4, 0)	8
6669	(4, 3, 2, 1, 7, 4, 3, 0)	8
6673	(4, 3, 2, 1, 9, 3, 2, 0)	8
6853	(4, 3, 2, 5, 2, 4, 4, 0)	8
6861	(4, 3, 2, 5, 4, 3, 3, 0)	8
6873	(4, 3, 2, 7, 5, 1, 2, 0)	8
6933	(4, 5, 1, 1, 3, 4, 6, 0)	8
6965	(4, 5, 1, 1, 5, 3, 5, 0)	8
6977	(4, 5, 1, 1, 9, 2, 2, 0)	8
7001	(4, 3, 6, 4, 4, 1, 2, 0)	8
7005	(4, 3, 8, 1, 4, 1, 3, 0)	8

7061	(4, 5, 1, 5, 2, 1, 6, 0)	8
7075	(4, 5, 1, 7, 1, 5, 1, 0)	8
7141	(4, 5, 7, 1, 2, 1, 4, 0)	8
7187	(4, 9, 4, 2, 1, 3, 1, 0)	8
7601	(8, 2, 3, 2, 3, 4, 2, 0)	8
7603	(8, 2, 3, 2, 5, 3, 1, 0)	8
7605	(8, 2, 5, 1, 1, 2, 5, 0)	8
7609	(8, 2, 3, 6, 2, 1, 2, 0)	8
7629	(10, 1, 1, 4, 2, 3, 3, 0)	8
7633	(10, 1, 1, 6, 1, 3, 2, 0)	8
7639	(8, 8, 1, 1, 4, 1, 1, 0)	8
7641	(10, 1, 3, 1, 6, 1, 2, 0)	8
7645	(10, 1, 3, 3, 3, 1, 3, 0)	8
12629	(4, 3, 2, 1, 1, 4, 10, 0)	8
12741	(4, 3, 2, 1, 1, 10, 4, 0)	8
13141	(4, 3, 2, 1, 3, 3, 9, 0)	8
13197	(4, 3, 2, 1, 3, 9, 3, 0)	8
13333	(4, 3, 2, 1, 7, 2, 6, 0)	8
13347	(4, 3, 2, 1, 9, 5, 1, 0)	8
13709	(4, 3, 2, 5, 2, 6, 3, 0)	8
13717	(4, 3, 2, 5, 4, 1, 6, 0)	8
13745	(4, 3, 2, 7, 3, 4, 2, 0)	8
13747	(4, 3, 2, 7, 5, 3, 1, 0)	8
13753	(4, 3, 2, 11, 2, 1, 2, 0)	8
13877	(4, 5, 1, 1, 3, 6, 5, 0)	8
13909	(4, 5, 1, 1, 5, 1, 8, 0)	8
13937	(4, 5, 1, 1, 5, 7, 2, 0)	8
13955	(4, 5, 1, 1, 9, 4, 1, 0)	8
14001	(4, 3, 6, 4, 2, 4, 2, 0)	8
14003	(4, 3, 6, 4, 4, 3, 1, 0)	8
14005	(4, 3, 8, 1, 2, 2, 5, 0)	8

14017	(4, 3, 8, 3, 3, 2, 2, 0)	8
14023	(4, 3, 12, 2, 2, 1, 1, 0)	8
14133	(4, 5, 1, 5, 2, 3, 5, 0)	8
14145	(4, 5, 1, 5, 6, 2, 2, 0)	8
14149	(4, 5, 1, 7, 1, 3, 4, 0)	8
14155	(4, 5, 1, 7, 5, 2, 1, 0)	8
14283	(4, 5, 5, 4, 4, 2, 1, 0)	8
14285	(4, 5, 7, 1, 2, 3, 3, 0)	8
14289	(4, 5, 7, 3, 1, 3, 2, 0)	8
14373	(4, 9, 4, 2, 1, 1, 4, 0)	8
14379	(4, 11, 1, 4, 2, 2, 1, 0)	8
15203	(8, 2, 3, 2, 3, 6, 1, 0)	8
15205	(8, 2, 3, 2, 5, 1, 4, 0)	8
15217	(8, 2, 5, 1, 1, 6, 2, 0)	8
15219	(8, 2, 3, 6, 2, 3, 1, 0)	8
15221	(8, 2, 5, 1, 3, 1, 5, 0)	8
15253	(10, 1, 1, 4, 2, 1, 6, 0)	8
15267	(10, 1, 1, 6, 1, 5, 1, 0)	8
15277	(8, 8, 1, 1, 2, 2, 3, 0)	8
15279	(8, 6, 6, 2, 1, 1, 1, 0)	8
15281	(10, 1, 3, 1, 4, 4, 2, 0)	8
15283	(10, 1, 3, 1, 6, 3, 1, 0)	8
15285	(10, 1, 3, 3, 1, 2, 5, 0)	8
33	(4, 3, 2, 1, 3, 1, 2, 2, 0)	9
65	(4, 3, 2, 1, 1, 4, 2, 2, 0)	9
67	(4, 3, 2, 1, 3, 1, 4, 1, 0)	9
131	(4, 3, 2, 1, 1, 4, 4, 1, 0)	9
133	(4, 3, 2, 1, 3, 1, 2, 4, 0)	9
261	(4, 3, 2, 1, 1, 4, 2, 4, 0)	9
269	(4, 3, 2, 1, 3, 1, 4, 3, 0)	9
273	(4, 3, 2, 1, 3, 3, 3, 2, 0)	9

289	(4, 5, 1, 1, 5, 1, 2, 2, 0)	9
525	(4, 3, 2, 1, 1, 4, 4, 3, 0)	9
529	(4, 3, 2, 1, 1, 6, 3, 2, 0)	9
533	(4, 3, 2, 1, 3, 1, 2, 6, 0)	9
547	(4, 3, 2, 1, 3, 3, 5, 1, 0)	9
555	(4, 3, 2, 1, 7, 2, 2, 1, 0)	9
571	(4, 3, 2, 5, 4, 1, 2, 1, 0)	9
577	(4, 5, 1, 1, 3, 4, 2, 2, 0)	9
579	(4, 5, 1, 1, 5, 1, 4, 1, 0)	9
583	(4, 3, 8, 1, 2, 2, 1, 1, 0)	9
633	(8, 2, 5, 1, 1, 2, 1, 2, 0)	9
635	(10, 1, 1, 4, 2, 1, 2, 1, 0)	9
1045	(4, 3, 2, 1, 1, 4, 2, 6, 0)	9
1059	(4, 3, 2, 1, 1, 6, 5, 1, 0)	9
1077	(4, 3, 2, 1, 3, 1, 4, 5, 0)	9
1093	(4, 3, 2, 1, 3, 3, 3, 4, 0)	9
1099	(4, 3, 2, 1, 3, 7, 2, 1, 0)	9
1111	(4, 3, 2, 1, 7, 4, 1, 1, 0)	9
1143	(4, 3, 2, 5, 4, 3, 1, 1, 0)	9
1155	(4, 5, 1, 1, 3, 4, 4, 1, 0)	9
1157	(4, 5, 1, 1, 5, 1, 2, 4, 0)	9
1167	(4, 3, 8, 1, 4, 1, 1, 1, 0)	9
1177	(4, 5, 1, 5, 2, 3, 1, 2, 0)	9
1267	(8, 2, 5, 1, 1, 2, 3, 1, 0)	9
1271	(10, 1, 1, 4, 2, 3, 1, 1, 0)	9
1273	(10, 1, 3, 3, 1, 2, 1, 2, 0)	9
2101	(4, 3, 2, 1, 1, 4, 4, 5, 0)	9
2117	(4, 3, 2, 1, 1, 6, 3, 4, 0)	9
2123	(4, 3, 2, 1, 1, 10, 2, 1, 0)	9
2133	(4, 3, 2, 1, 3, 1, 2, 8, 0)	9
2161	(4, 3, 2, 1, 3, 1, 8, 2, 0)	9

2189	(4, 3, 2, 1, 3, 3, 5, 3, 0)	9
2199	(4, 3, 2, 1, 3, 9, 1, 1, 0)	9
2221	(4, 3, 2, 1, 7, 2, 2, 3, 0)	9
2285	(4, 3, 2, 5, 4, 1, 2, 3, 0)	9
2309	(4, 5, 1, 1, 3, 4, 2, 4, 0)	9
2317	(4, 5, 1, 1, 5, 1, 4, 3, 0)	9
2321	(4, 5, 1, 1, 5, 3, 3, 2, 0)	9
2333	(4, 3, 8, 1, 2, 2, 1, 3, 0)	9
2353	(4, 5, 1, 5, 2, 1, 4, 2, 0)	9
2355	(4, 5, 1, 5, 2, 3, 3, 1, 0)	9
2395	(4, 9, 4, 2, 1, 1, 2, 1, 0)	9
2533	(8, 2, 5, 1, 1, 2, 1, 4, 0)	9
2541	(10, 1, 1, 4, 2, 1, 2, 3, 0)	9
2547	(10, 1, 3, 3, 1, 2, 3, 1, 0)	9
4181	(4, 3, 2, 1, 1, 4, 2, 8, 0)	9
4209	(4, 3, 2, 1, 1, 4, 8, 2, 0)	9
4237	(4, 3, 2, 1, 1, 6, 5, 3, 0)	9
4247	(4, 3, 2, 1, 1, 12, 1, 1, 0)	9
4309	(4, 3, 2, 1, 3, 1, 4, 7, 0)	9
4323	(4, 3, 2, 1, 3, 1, 10, 1, 0)	9
4373	(4, 3, 2, 1, 3, 3, 3, 6, 0)	9
4397	(4, 3, 2, 1, 3, 7, 2, 3, 0)	9
4445	(4, 3, 2, 1, 7, 4, 1, 3, 0)	9
4569	(4, 3, 2, 5, 2, 6, 1, 2, 0)	9
4573	(4, 3, 2, 5, 4, 3, 1, 3, 0)	9
4621	(4, 5, 1, 1, 3, 4, 4, 3, 0)	9
4625	(4, 5, 1, 1, 3, 6, 3, 2, 0)	9
4629	(4, 5, 1, 1, 5, 1, 2, 6, 0)	9
4643	(4, 5, 1, 1, 5, 3, 5, 1, 0)	9
4651	(4, 5, 1, 1, 9, 2, 2, 1, 0)	9
4667	(4, 3, 6, 4, 4, 1, 2, 1, 0)	9

4669	(4, 3, 8, 1, 4, 1, 1, 3, 0)	9
4707	(4, 5, 1, 5, 2, 1, 6, 1, 0)	9
4709	(4, 5, 1, 5, 2, 3, 1, 4, 0)	9
4761	(4, 5, 7, 1, 2, 3, 1, 2, 0)	9
4791	(4, 9, 4, 2, 1, 3, 1, 1, 0)	9
5067	(8, 2, 3, 2, 3, 4, 2, 1, 0)	9
5069	(8, 2, 5, 1, 1, 2, 3, 3, 0)	9
5073	(8, 2, 5, 1, 3, 1, 3, 2, 0)	9
5085	(10, 1, 1, 4, 2, 3, 1, 3, 0)	9
5093	(10, 1, 3, 3, 1, 2, 1, 4, 0)	9
8405	(4, 3, 2, 1, 1, 4, 4, 7, 0)	9
8419	(4, 3, 2, 1, 1, 4, 10, 1, 0)	9
8469	(4, 3, 2, 1, 1, 6, 3, 6, 0)	9
8493	(4, 3, 2, 1, 1, 10, 2, 3, 0)	9
8533	(4, 3, 2, 1, 3, 1, 2, 10, 0)	9
8645	(4, 3, 2, 1, 3, 1, 8, 4, 0)	9
8757	(4, 3, 2, 1, 3, 3, 5, 5, 0)	9
8797	(4, 3, 2, 1, 3, 9, 1, 3, 0)	9
8885	(4, 3, 2, 1, 7, 2, 2, 5, 0)	9
8897	(4, 3, 2, 1, 9, 3, 2, 2, 0)	9
9137	(4, 3, 2, 5, 2, 4, 4, 2, 0)	9
9139	(4, 3, 2, 5, 2, 6, 3, 1, 0)	9
9141	(4, 3, 2, 5, 4, 1, 2, 5, 0)	9
9163	(4, 3, 2, 7, 3, 4, 2, 1, 0)	9
9237	(4, 5, 1, 1, 3, 4, 2, 6, 0)	9
9251	(4, 5, 1, 1, 3, 6, 5, 1, 0)	9
9269	(4, 5, 1, 1, 5, 1, 4, 5, 0)	9
9285	(4, 5, 1, 1, 5, 3, 3, 4, 0)	9
9291	(4, 5, 1, 1, 5, 7, 2, 1, 0)	9
9303	(4, 5, 1, 1, 9, 4, 1, 1, 0)	9
9333	(4, 3, 8, 1, 2, 2, 1, 5, 0)	9

9335	(4, 3, 6, 4, 4, 3, 1, 1, 0)	9
9413	(4, 5, 1, 5, 2, 1, 4, 4, 0)	9
9421	(4, 5, 1, 5, 2, 3, 3, 3, 0)	9
9433	(4, 5, 1, 7, 1, 5, 1, 2, 0)	9
9521	(4, 5, 7, 1, 2, 1, 4, 2, 0)	9
9523	(4, 5, 7, 1, 2, 3, 3, 1, 0)	9
9581	(4, 9, 4, 2, 1, 1, 2, 3, 0)	9
10133	(8, 2, 5, 1, 1, 2, 1, 6, 0)	9
10135	(8, 2, 3, 2, 3, 6, 1, 1, 0)	9
10137	(8, 2, 3, 2, 5, 3, 1, 2, 0)	9
10145	(8, 2, 3, 6, 2, 1, 2, 2, 0)	9
10147	(8, 2, 5, 1, 3, 1, 5, 1, 0)	9
10165	(10, 1, 1, 4, 2, 1, 2, 5, 0)	9
10177	(10, 1, 1, 6, 1, 3, 2, 2, 0)	9
10185	(8, 8, 1, 1, 4, 1, 1, 2, 0)	9
10187	(10, 1, 3, 1, 4, 4, 2, 1, 0)	9
10189	(10, 1, 3, 3, 1, 2, 3, 3, 0)	9
10193	(10, 1, 3, 3, 3, 1, 3, 2, 0)	9
16725	(4, 3, 2, 1, 1, 4, 2, 10, 0)	9
16837	(4, 3, 2, 1, 1, 4, 8, 4, 0)	9
16949	(4, 3, 2, 1, 1, 6, 5, 5, 0)	9
16989	(4, 3, 2, 1, 1, 12, 1, 3, 0)	9
17237	(4, 3, 2, 1, 3, 1, 4, 9, 0)	9
17293	(4, 3, 2, 1, 3, 1, 10, 3, 0)	9
17493	(4, 3, 2, 1, 3, 3, 3, 8, 0)	9
17521	(4, 3, 2, 1, 3, 3, 9, 2, 0)	9
17589	(4, 3, 2, 1, 3, 7, 2, 5, 0)	9
17777	(4, 3, 2, 1, 7, 2, 6, 2, 0)	9
17781	(4, 3, 2, 1, 7, 4, 1, 5, 0)	9
17795	(4, 3, 2, 1, 9, 3, 4, 1, 0)	9
17799	(4, 3, 2, 1, 13, 2, 1, 1, 0)	9

18275	(4, 3, 2, 5, 2, 4, 6, 1, 0)	9
18277	(4, 3, 2, 5, 2, 6, 1, 4, 0)	9
18289	(4, 3, 2, 5, 4, 1, 6, 2, 0)	9
18293	(4, 3, 2, 5, 4, 3, 1, 5, 0)	9
18327	(4, 3, 2, 7, 3, 6, 1, 1, 0)	9
18329	(4, 3, 2, 7, 5, 3, 1, 2, 0)	9
18337	(4, 3, 2, 11, 2, 1, 2, 2, 0)	9
18485	(4, 5, 1, 1, 3, 4, 4, 5, 0)	9
18501	(4, 5, 1, 1, 3, 6, 3, 4, 0)	9
18507	(4, 5, 1, 1, 3, 10, 2, 1, 0)	9
18517	(4, 5, 1, 1, 5, 1, 2, 8, 0)	9
18545	(4, 5, 1, 1, 5, 1, 8, 2, 0)	9
18573	(4, 5, 1, 1, 5, 3, 5, 3, 0)	9
18583	(4, 5, 1, 1, 5, 9, 1, 1, 0)	9
18605	(4, 5, 1, 1, 9, 2, 2, 3, 0)	9
18669	(4, 3, 6, 4, 4, 1, 2, 3, 0)	9
18673	(4, 3, 8, 1, 2, 2, 5, 2, 0)	9
18677	(4, 3, 8, 1, 4, 1, 1, 5, 0)	9
18689	(4, 3, 8, 3, 3, 2, 2, 2, 0)	9
18697	(4, 3, 12, 2, 2, 1, 1, 2, 0)	9
18829	(4, 5, 1, 5, 2, 1, 6, 3, 0)	9
18837	(4, 5, 1, 5, 2, 3, 1, 6, 0)	9
18865	(4, 5, 1, 7, 1, 3, 4, 2, 0)	9
18867	(4, 5, 1, 7, 1, 5, 3, 1, 0)	9
18873	(4, 5, 1, 7, 5, 2, 1, 2, 0)	9
19043	(4, 5, 7, 1, 2, 1, 6, 1, 0)	9
19045	(4, 5, 7, 1, 2, 3, 1, 4, 0)	9
19165	(4, 9, 4, 2, 1, 3, 1, 3, 0)	9
43	(4, 3, 2, 1, 1, 4, 2, 2, 1, 0)	10
87	(4, 3, 2, 1, 1, 4, 4, 1, 1, 0)	10
89	(4, 3, 2, 1, 3, 1, 4, 1, 2, 0)	10

173	(4, 3, 2, 1, 1, 4, 2, 2, 3, 0)	10
177	(4, 3, 2, 1, 3, 1, 2, 4, 2, 0)	10
179	(4, 3, 2, 1, 3, 1, 4, 3, 1, 0)	10
349	(4, 3, 2, 1, 1, 4, 4, 1, 3, 0)	10
355	(4, 3, 2, 1, 3, 1, 2, 6, 1, 0)	10
357	(4, 3, 2, 1, 3, 1, 4, 1, 4, 0)	10
385	(4, 5, 1, 1, 5, 1, 2, 2, 2, 0)	10
423	(10, 1, 1, 4, 2, 1, 2, 1, 1, 0)	10
693	(4, 3, 2, 1, 1, 4, 2, 2, 5, 0)	10
705	(4, 3, 2, 1, 1, 6, 3, 2, 2, 0)	10
709	(4, 3, 2, 1, 3, 1, 2, 4, 4, 0)	10
717	(4, 3, 2, 1, 3, 1, 4, 3, 3, 0)	10
729	(4, 3, 2, 1, 3, 3, 5, 1, 2, 0)	10
761	(4, 3, 2, 5, 4, 1, 2, 1, 2, 0)	10
769	(4, 5, 1, 1, 3, 4, 2, 2, 2, 0)	10
771	(4, 5, 1, 1, 5, 1, 2, 4, 1, 0)	10
777	(4, 3, 8, 1, 2, 2, 1, 1, 2, 0)	10
847	(10, 1, 1, 4, 2, 3, 1, 1, 1, 0)	10
1393	(4, 3, 2, 1, 1, 4, 2, 6, 2, 0)	10
1397	(4, 3, 2, 1, 1, 4, 4, 1, 5, 0)	10
1411	(4, 3, 2, 1, 1, 6, 3, 4, 1, 0)	10
1415	(4, 3, 2, 1, 1, 10, 2, 1, 1, 0)	10
1421	(4, 3, 2, 1, 3, 1, 2, 6, 3, 0)	10
1429	(4, 3, 2, 1, 3, 1, 4, 1, 6, 0)	10
1457	(4, 3, 2, 1, 3, 3, 3, 4, 2, 0)	10
1459	(4, 3, 2, 1, 3, 3, 5, 3, 1, 0)	10
1465	(4, 3, 2, 1, 3, 7, 2, 1, 2, 0)	10
1481	(4, 3, 2, 1, 7, 4, 1, 1, 2, 0)	10
1523	(4, 3, 2, 5, 4, 1, 2, 3, 1, 0)	10
1539	(4, 5, 1, 1, 3, 4, 2, 4, 1, 0)	10
1541	(4, 5, 1, 1, 5, 1, 2, 2, 4, 0)	10

1547	(4, 5, 1, 1, 5, 3, 3, 2, 1, 0)	10
1555	(4, 3, 8, 1, 2, 2, 1, 3, 1, 0)	10
1569	(4, 5, 1, 5, 2, 3, 1, 2, 2, 0)	10
1689	(8, 2, 5, 1, 1, 2, 3, 1, 2, 0)	10
1693	(10, 1, 1, 4, 2, 1, 2, 1, 3, 0)	10
1697	(10, 1, 3, 3, 1, 2, 1, 2, 2, 0)	10
2773	(4, 3, 2, 1, 1, 4, 2, 2, 7, 0)	10
2787	(4, 3, 2, 1, 1, 4, 2, 8, 1, 0)	10
2801	(4, 3, 2, 1, 1, 4, 4, 5, 2, 0)	10
2821	(4, 3, 2, 1, 1, 6, 3, 2, 4, 0)	10
2831	(4, 3, 2, 1, 1, 12, 1, 1, 1, 0)	10
2837	(4, 3, 2, 1, 3, 1, 2, 4, 6, 0)	10
2869	(4, 3, 2, 1, 3, 1, 4, 3, 5, 0)	10
2881	(4, 3, 2, 1, 3, 1, 8, 2, 2, 0)	10
2915	(4, 3, 2, 1, 3, 3, 3, 6, 1, 0)	10
2917	(4, 3, 2, 1, 3, 3, 5, 1, 4, 0)	10
2931	(4, 3, 2, 1, 3, 7, 2, 3, 1, 0)	10
2961	(4, 3, 2, 1, 7, 2, 2, 3, 2, 0)	10
2963	(4, 3, 2, 1, 7, 4, 1, 3, 1, 0)	10
3045	(4, 3, 2, 5, 4, 1, 2, 1, 4, 0)	10
3077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 0)	10
3083	(4, 5, 1, 1, 3, 6, 3, 2, 1, 0)	10
3085	(4, 5, 1, 1, 5, 1, 2, 4, 3, 0)	10
3089	(4, 5, 1, 1, 5, 1, 4, 3, 2, 0)	10
3095	(4, 5, 1, 1, 5, 3, 5, 1, 1, 0)	10
3109	(4, 3, 8, 1, 2, 2, 1, 1, 4, 0)	10
3111	(4, 3, 6, 4, 4, 1, 2, 1, 1, 0)	10
3137	(4, 5, 1, 5, 2, 1, 4, 2, 2, 0)	10
3139	(4, 5, 1, 5, 2, 3, 1, 4, 1, 0)	10
3193	(4, 9, 4, 2, 1, 1, 2, 1, 2, 0)	10
3377	(8, 2, 5, 1, 1, 2, 1, 4, 2, 0)	10

3379	(8, 2, 5, 1, 1, 2, 3, 3, 1, 0)	10
3389	(10, 1, 1, 4, 2, 3, 1, 1, 3, 0)	10
3395	(10, 1, 3, 3, 1, 2, 1, 4, 1, 0)	10
5573	(4, 3, 2, 1, 1, 4, 2, 6, 4, 0)	10
5589	(4, 3, 2, 1, 1, 4, 4, 1, 7, 0)	10
5603	(4, 3, 2, 1, 1, 4, 4, 7, 1, 0)	10
5645	(4, 3, 2, 1, 1, 6, 3, 4, 3, 0)	10
5649	(4, 3, 2, 1, 1, 6, 5, 3, 2, 0)	10
5661	(4, 3, 2, 1, 1, 10, 2, 1, 3, 0)	10
5685	(4, 3, 2, 1, 3, 1, 2, 6, 5, 0)	10
5717	(4, 3, 2, 1, 3, 1, 4, 1, 8, 0)	10
5745	(4, 3, 2, 1, 3, 1, 4, 7, 2, 0)	10
5763	(4, 3, 2, 1, 3, 1, 8, 4, 1, 0)	10
5829	(4, 3, 2, 1, 3, 3, 3, 4, 4, 0)	10
5837	(4, 3, 2, 1, 3, 3, 5, 3, 3, 0)	10
5861	(4, 3, 2, 1, 3, 7, 2, 1, 4, 0)	10
5923	(4, 3, 2, 1, 7, 2, 2, 5, 1, 0)	10
5925	(4, 3, 2, 1, 7, 4, 1, 1, 4, 0)	10
5931	(4, 3, 2, 1, 9, 3, 2, 2, 1, 0)	10
6091	(4, 3, 2, 5, 2, 4, 4, 2, 1, 0)	10
6093	(4, 3, 2, 5, 4, 1, 2, 3, 3, 0)	10
6097	(4, 3, 2, 5, 4, 3, 1, 3, 2, 0)	10
6157	(4, 5, 1, 1, 3, 4, 2, 4, 3, 0)	10
6161	(4, 5, 1, 1, 3, 4, 4, 3, 2, 0)	10
6165	(4, 5, 1, 1, 5, 1, 2, 2, 6, 0)	10
6167	(4, 5, 1, 1, 3, 6, 5, 1, 1, 0)	10
6179	(4, 5, 1, 1, 5, 1, 4, 5, 1, 0)	10
6189	(4, 5, 1, 1, 5, 3, 3, 2, 3, 0)	10
6201	(4, 5, 1, 1, 9, 2, 2, 1, 2, 0)	10
6221	(4, 3, 8, 1, 2, 2, 1, 3, 3, 0)	10
6223	(4, 3, 6, 4, 4, 3, 1, 1, 1, 0)	10

6225	(4, 3, 8, 1, 4, 1, 1, 3, 2, 0)	10
6275	(4, 5, 1, 5, 2, 1, 4, 4, 1, 0)	10
6277	(4, 5, 1, 5, 2, 3, 1, 2, 4, 0)	10
6347	(4, 5, 7, 1, 2, 1, 4, 2, 1, 0)	10
6387	(4, 9, 4, 2, 1, 1, 2, 3, 1, 0)	10
6755	(8, 2, 5, 1, 1, 2, 1, 6, 1, 0)	10
6757	(8, 2, 5, 1, 1, 2, 3, 1, 4, 0)	10
6763	(8, 2, 3, 6, 2, 1, 2, 2, 1, 0)	10
6773	(10, 1, 1, 4, 2, 1, 2, 1, 5, 0)	10
6789	(10, 1, 3, 3, 1, 2, 1, 2, 4, 0)	10
6791	(10, 1, 3, 1, 4, 4, 2, 1, 1, 0)	10
6795	(10, 1, 3, 3, 3, 1, 3, 2, 1, 0)	10
11093	(4, 3, 2, 1, 1, 4, 2, 2, 9, 0)	10
11149	(4, 3, 2, 1, 1, 4, 2, 8, 3, 0)	10
11205	(4, 3, 2, 1, 1, 4, 4, 5, 4, 0)	10
11225	(4, 3, 2, 1, 1, 4, 10, 1, 2, 0)	10
11285	(4, 3, 2, 1, 1, 6, 3, 2, 6, 0)	10
11299	(4, 3, 2, 1, 1, 6, 5, 5, 1, 0)	10
11325	(4, 3, 2, 1, 1, 12, 1, 1, 3, 0)	10
11349	(4, 3, 2, 1, 3, 1, 2, 4, 8, 0)	10
11377	(4, 3, 2, 1, 3, 1, 2, 10, 2, 0)	10
11477	(4, 3, 2, 1, 3, 1, 4, 3, 7, 0)	10
11491	(4, 3, 2, 1, 3, 1, 4, 9, 1, 0)	10
11525	(4, 3, 2, 1, 3, 1, 8, 2, 4, 0)	10
11661	(4, 3, 2, 1, 3, 3, 3, 6, 3, 0)	10
11669	(4, 3, 2, 1, 3, 3, 5, 1, 6, 0)	10
11725	(4, 3, 2, 1, 3, 7, 2, 3, 3, 0)	10
11729	(4, 3, 2, 1, 3, 9, 1, 3, 2, 0)	10
11845	(4, 3, 2, 1, 7, 2, 2, 3, 4, 0)	10
11851	(4, 3, 2, 1, 7, 2, 6, 2, 1, 0)	10
11853	(4, 3, 2, 1, 7, 4, 1, 3, 3, 0)	10

11863	(4, 3, 2, 1, 9, 3, 4, 1, 1, 0)	10
12181	(4, 3, 2, 5, 4, 1, 2, 1, 6, 0)	10
12183	(4, 3, 2, 5, 2, 4, 6, 1, 1, 0)	10
12185	(4, 3, 2, 5, 2, 6, 3, 1, 2, 0)	10
12195	(4, 3, 2, 5, 4, 3, 1, 5, 1, 0)	10
12217	(4, 3, 2, 7, 3, 4, 2, 1, 2, 0)	10
12219	(4, 3, 2, 7, 5, 3, 1, 2, 1, 0)	10
12309	(4, 5, 1, 1, 3, 4, 2, 2, 6, 0)	10
12323	(4, 5, 1, 1, 3, 4, 4, 5, 1, 0)	10
12333	(4, 5, 1, 1, 3, 6, 3, 2, 3, 0)	10
12341	(4, 5, 1, 1, 5, 1, 2, 4, 5, 0)	10
12357	(4, 5, 1, 1, 5, 1, 4, 3, 4, 0)	10
12363	(4, 5, 1, 1, 5, 1, 8, 2, 1, 0)	10
12381	(4, 5, 1, 1, 5, 3, 5, 1, 3, 0)	10
12403	(4, 5, 1, 1, 9, 2, 2, 3, 1, 0)	10
12437	(4, 3, 8, 1, 2, 2, 1, 1, 6, 0)	10
12445	(4, 3, 6, 4, 4, 1, 2, 1, 3, 0)	10
12451	(4, 3, 8, 1, 4, 1, 1, 5, 1, 0)	10
12459	(4, 3, 8, 3, 3, 2, 2, 2, 1, 0)	10
12549	(4, 5, 1, 5, 2, 1, 4, 2, 4, 0)	10
12557	(4, 5, 1, 5, 2, 3, 1, 4, 3, 0)	10
12561	(4, 5, 1, 5, 2, 3, 3, 3, 2, 0)	10
12577	(4, 5, 1, 7, 1, 5, 1, 2, 2, 0)	10
12695	(4, 5, 7, 1, 2, 1, 6, 1, 1, 0)	10
12697	(4, 5, 7, 1, 2, 3, 3, 1, 2, 0)	10
12773	(4, 9, 4, 2, 1, 1, 2, 1, 4, 0)	10
13509	(8, 2, 5, 1, 1, 2, 1, 4, 4, 0)	10
13513	(8, 2, 3, 2, 3, 6, 1, 1, 2, 0)	10
13515	(8, 2, 3, 2, 5, 1, 4, 2, 1, 0)	10
13517	(8, 2, 5, 1, 1, 2, 3, 3, 3, 0)	10
13527	(8, 2, 3, 6, 2, 1, 4, 1, 1, 0)	10

13529	(8, 2, 5, 1, 3, 1, 5, 1, 2, 0)	10
13553	(10, 1, 1, 4, 2, 1, 2, 5, 2, 0)	10
13557	(10, 1, 1, 4, 2, 3, 1, 1, 5, 0)	10
13569	(10, 1, 1, 6, 1, 3, 2, 2, 2, 0)	10
13579	(8, 8, 1, 1, 2, 2, 3, 2, 1, 0)	10
13581	(10, 1, 3, 3, 1, 2, 1, 4, 3, 0)	10
13583	(10, 1, 3, 1, 4, 6, 1, 1, 1, 0)	10
13585	(10, 1, 3, 3, 1, 2, 3, 3, 2, 0)	10
13591	(10, 1, 3, 3, 3, 1, 5, 1, 1, 0)	10
57	(4, 3, 2, 1, 1, 4, 2, 2, 1, 2, 0)	11
59	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 0)	11
115	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 0)	11
119	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 0)	11
229	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 0)	11
237	(4, 3, 2, 1, 3, 1, 4, 1, 2, 3, 0)	11
461	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 0)	11
465	(4, 3, 2, 1, 1, 4, 4, 1, 3, 2, 0)	11
473	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 0)	11
477	(4, 3, 2, 1, 3, 1, 4, 3, 1, 3, 0)	11
507	(4, 3, 2, 5, 4, 1, 2, 1, 2, 1, 0)	11
513	(4, 5, 1, 1, 5, 1, 2, 2, 2, 2, 0)	11
917	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 0)	11
931	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 0)	11
943	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 0)	11
945	(4, 3, 2, 1, 3, 1, 2, 4, 4, 2, 0)	11
947	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 0)	11
949	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 0)	11
971	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 0)	11
987	(4, 3, 2, 1, 7, 4, 1, 1, 2, 1, 0)	11
1015	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 0)	11
1025	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 0)	11

1027	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 0)	11
1031	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 0)	11
1129	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 0)	11
1131	(10, 1, 3, 3, 1, 2, 1, 2, 2, 1, 0)	11
1845	(4, 3, 2, 1, 1, 4, 2, 2, 3, 5, 0)	11
1857	(4, 3, 2, 1, 1, 4, 2, 6, 2, 2, 0)	11
1861	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 0)	11
1867	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 0)	11
1881	(4, 3, 2, 1, 1, 6, 3, 4, 1, 2, 0)	11
1887	(4, 3, 2, 1, 1, 12, 1, 1, 1, 1, 0)	11
1891	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 0)	11
1893	(4, 3, 2, 1, 3, 1, 2, 6, 1, 4, 0)	11
1905	(4, 3, 2, 1, 3, 1, 4, 1, 6, 2, 0)	11
1909	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 0)	11
1943	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 0)	11
1945	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 0)	11
1953	(4, 3, 2, 1, 3, 7, 2, 1, 2, 2, 0)	11
1975	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 0)	11
2029	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 0)	11
2051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 0)	11
2053	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 0)	11
2055	(4, 5, 1, 1, 3, 6, 3, 2, 1, 1, 0)	11
2059	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 0)	11
2063	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 0)	11
2073	(4, 3, 8, 1, 2, 2, 1, 3, 1, 2, 0)	11
2091	(4, 5, 1, 5, 2, 1, 4, 2, 2, 1, 0)	11
2251	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 0)	11
2257	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 0)	11
2259	(10, 1, 1, 4, 2, 3, 1, 1, 3, 1, 0)	11
2263	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 0)	11
3669	(4, 3, 2, 1, 1, 4, 2, 2, 1, 8, 0)	11

3697	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 0)	11
3715	(4, 3, 2, 1, 1, 4, 2, 6, 4, 1, 0)	11
3725	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 0)	11
3735	(4, 3, 2, 1, 1, 4, 4, 7, 1, 1, 0)	11
3761	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 0)	11
3763	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 0)	11
3773	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 0)	11
3781	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 0)	11
3789	(4, 3, 2, 1, 3, 1, 2, 6, 3, 3, 0)	11
3797	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 0)	11
3811	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 0)	11
3825	(4, 3, 2, 1, 3, 1, 4, 3, 5, 2, 0)	11
3841	(4, 3, 2, 1, 3, 1, 8, 2, 2, 2, 0)	11
3885	(4, 3, 2, 1, 3, 3, 3, 4, 2, 3, 0)	11
3889	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 0)	11
3891	(4, 3, 2, 1, 3, 3, 5, 3, 3, 1, 0)	11
3907	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 0)	11
3949	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 0)	11
4061	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 0)	11
4101	(4, 5, 1, 1, 3, 4, 2, 2, 2, 4, 0)	11
4107	(4, 5, 1, 1, 3, 4, 4, 3, 2, 1, 0)	11
4109	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 0)	11
4111	(4, 5, 1, 1, 3, 6, 5, 1, 1, 1, 0)	11
4113	(4, 5, 1, 1, 5, 1, 2, 4, 3, 2, 0)	11
4119	(4, 5, 1, 1, 5, 1, 4, 5, 1, 1, 0)	11
4125	(4, 5, 1, 1, 5, 3, 3, 2, 1, 3, 0)	11
4145	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 0)	11
4147	(4, 3, 8, 1, 2, 2, 1, 3, 3, 1, 0)	11
4183	(4, 5, 1, 5, 2, 1, 4, 4, 1, 1, 0)	11
4185	(4, 5, 1, 5, 2, 3, 1, 4, 1, 2, 0)	11
4231	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 0)	11

4257	(4, 9, 4, 2, 1, 1, 2, 1, 2, 2, 0)	11
4503	(8, 2, 5, 1, 1, 2, 1, 6, 1, 1, 0)	11
4505	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 0)	11
4515	(10, 1, 1, 4, 2, 1, 2, 1, 5, 1, 0)	11
4517	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 0)	11
4525	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 0)	11
4527	(10, 1, 3, 1, 4, 4, 2, 1, 1, 1, 0)	11
7381	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 0)	11
7395	(4, 3, 2, 1, 1, 4, 2, 2, 9, 1, 0)	11
7429	(4, 3, 2, 1, 1, 4, 2, 6, 2, 4, 0)	11
7445	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 0)	11
7469	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 0)	11
7483	(4, 3, 2, 1, 1, 4, 10, 1, 2, 1, 0)	11
7523	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 0)	11
7525	(4, 3, 2, 1, 1, 6, 3, 4, 1, 4, 0)	11
7549	(4, 3, 2, 1, 1, 12, 1, 1, 1, 3, 0)	11
7565	(4, 3, 2, 1, 3, 1, 2, 4, 6, 3, 0)	11
7573	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 0)	11
7621	(4, 3, 2, 1, 3, 1, 4, 1, 6, 4, 0)	11
7637	(4, 3, 2, 1, 3, 1, 4, 3, 1, 7, 0)	11
7651	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 0)	11
7683	(4, 3, 2, 1, 3, 1, 8, 2, 4, 1, 0)	11
7773	(4, 3, 2, 1, 3, 3, 3, 6, 1, 3, 0)	11
7779	(4, 3, 2, 1, 3, 3, 5, 1, 6, 1, 0)	11
7781	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 0)	11
7813	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 0)	11
7819	(4, 3, 2, 1, 3, 9, 1, 3, 2, 1, 0)	11
7897	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 0)	11
7901	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 0)	11
8117	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 0)	11
8121	(4, 3, 2, 5, 2, 4, 4, 2, 1, 2, 0)	11

8123	(4, 3, 2, 5, 2, 6, 3, 1, 2, 1, 0)	11
8129	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 0)	11
8205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 3, 0)	11
8209	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 0)	11
8213	(4, 5, 1, 1, 5, 1, 2, 2, 2, 6, 0)	11
8215	(4, 5, 1, 1, 3, 4, 4, 5, 1, 1, 0)	11
8221	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 0)	11
8227	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 0)	11
8237	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 0)	11
8253	(4, 5, 1, 1, 5, 3, 5, 1, 1, 3, 0)	11
8291	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 0)	11
8293	(4, 3, 8, 1, 2, 2, 1, 3, 1, 4, 0)	11
8297	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 0)	11
8365	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 0)	11
8369	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 0)	11
8371	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 0)	11
8463	(4, 5, 7, 1, 2, 1, 6, 1, 1, 1, 0)	11
8515	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 0)	11
9005	(8, 2, 5, 1, 1, 2, 1, 4, 2, 3, 0)	11
9009	(8, 2, 5, 1, 1, 2, 3, 1, 4, 2, 0)	11
9011	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 0)	11
9017	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 0)	11
9019	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 0)	11
9029	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 0)	11
9035	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 0)	11
9037	(10, 1, 1, 4, 2, 3, 1, 1, 3, 3, 0)	11
9053	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 0)	11
9055	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 0)	11
14677	(4, 3, 2, 1, 1, 4, 2, 2, 1, 10, 0)	11
14789	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 0)	11
14861	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 0)	11

14865	(4, 3, 2, 1, 1, 4, 2, 8, 3, 2, 0)	11
14901	(4, 3, 2, 1, 1, 4, 4, 1, 5, 5, 0)	11
14941	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 0)	11
14967	(4, 3, 2, 1, 1, 4, 10, 3, 1, 1, 0)	11
15045	(4, 3, 2, 1, 1, 6, 3, 2, 4, 4, 0)	11
15053	(4, 3, 2, 1, 1, 6, 3, 4, 3, 3, 0)	11
15065	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 0)	11
15093	(4, 3, 2, 1, 1, 10, 2, 1, 1, 5, 0)	11
15125	(4, 3, 2, 1, 3, 1, 2, 4, 4, 6, 0)	11
15157	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 0)	11
15169	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 0)	11
15189	(4, 3, 2, 1, 3, 1, 4, 1, 2, 9, 0)	11
15245	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 0)	11
15301	(4, 3, 2, 1, 3, 1, 4, 3, 5, 4, 0)	11
15321	(4, 3, 2, 1, 3, 1, 4, 9, 1, 2, 0)	11
15365	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 0)	11
15371	(4, 3, 2, 1, 3, 1, 10, 3, 2, 1, 0)	11
15541	(4, 3, 2, 1, 3, 3, 3, 4, 2, 5, 0)	11
15557	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 0)	11
15565	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 0)	11
15629	(4, 3, 2, 1, 3, 7, 2, 1, 4, 3, 0)	11
15633	(4, 3, 2, 1, 3, 7, 2, 3, 3, 2, 0)	11
15639	(4, 3, 2, 1, 3, 9, 1, 5, 1, 1, 0)	11
15793	(4, 3, 2, 1, 7, 2, 2, 3, 4, 2, 0)	11
15795	(4, 3, 2, 1, 7, 2, 2, 5, 3, 1, 0)	11
15797	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 0)	11
15801	(4, 3, 2, 1, 7, 2, 6, 2, 1, 2, 0)	11
15817	(4, 3, 2, 1, 9, 3, 4, 1, 1, 2, 0)	11
16241	(4, 3, 2, 5, 4, 1, 2, 1, 6, 2, 0)	11
16243	(4, 3, 2, 5, 2, 4, 4, 2, 3, 1, 0)	11
16245	(4, 3, 2, 5, 4, 1, 2, 3, 1, 5, 0)	11

16247	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 0)	11
16259	(4, 3, 2, 5, 4, 3, 1, 3, 4, 1, 0)	11
16263	(4, 3, 2, 5, 4, 3, 5, 2, 1, 1, 0)	11
16289	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 0)	11
16299	(4, 3, 2, 11, 2, 1, 2, 2, 2, 1, 0)	11
16405	(4, 5, 1, 1, 3, 4, 2, 2, 2, 6, 0)	11
16419	(4, 5, 1, 1, 3, 4, 2, 4, 5, 1, 0)	11
16429	(4, 5, 1, 1, 3, 4, 4, 3, 2, 3, 0)	11
16437	(4, 5, 1, 1, 5, 1, 2, 2, 4, 5, 0)	11
16445	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 0)	11
16453	(4, 5, 1, 1, 5, 1, 2, 4, 3, 4, 0)	11
16459	(4, 5, 1, 1, 5, 1, 2, 8, 2, 1, 0)	11
16477	(4, 5, 1, 1, 5, 1, 4, 5, 1, 3, 0)	11
16501	(4, 5, 1, 1, 5, 3, 3, 2, 1, 5, 0)	11
16537	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 0)	11
16581	(4, 3, 8, 1, 2, 2, 1, 1, 4, 4, 0)	11
16589	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 0)	11
16593	(4, 3, 6, 4, 4, 1, 2, 1, 3, 2, 0)	11
16595	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 0)	11
16601	(4, 3, 8, 1, 4, 1, 1, 5, 1, 2, 0)	11
16615	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 0)	11
16619	(4, 3, 12, 2, 2, 1, 1, 2, 2, 1, 0)	11
16733	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 0)	11
16739	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 0)	11
16741	(4, 5, 1, 5, 2, 3, 1, 4, 1, 4, 0)	11
16769	(4, 5, 1, 7, 1, 5, 1, 2, 2, 2, 0)	11
16925	(4, 5, 7, 1, 2, 1, 4, 2, 1, 3, 0)	11
16929	(4, 5, 7, 1, 2, 3, 3, 1, 2, 2, 0)	11
16935	(4, 5, 7, 3, 1, 5, 1, 2, 1, 1, 0)	11
17029	(4, 9, 4, 2, 1, 1, 2, 1, 2, 4, 0)	11
17035	(4, 9, 4, 2, 1, 3, 1, 3, 2, 1, 0)	11

18013	(8, 2, 5, 1, 1, 2, 1, 6, 1, 3, 0)	11
18017	(8, 2, 3, 2, 3, 6, 1, 1, 2, 2, 0)	11
18019	(8, 2, 5, 1, 1, 2, 3, 1, 6, 1, 0)	11
18021	(8, 2, 5, 1, 1, 2, 3, 3, 1, 4, 0)	11
18035	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 0)	11
18039	(8, 2, 5, 1, 3, 1, 5, 3, 1, 1, 0)	11
18043	(8, 2, 5, 1, 3, 5, 2, 1, 2, 1, 0)	11
18061	(10, 1, 1, 4, 2, 1, 2, 1, 5, 3, 0)	11
18069	(10, 1, 1, 4, 2, 3, 1, 1, 1, 6, 0)	11
18071	(10, 1, 1, 4, 2, 1, 2, 7, 1, 1, 0)	11
18101	(10, 1, 3, 3, 1, 2, 1, 2, 2, 5, 0)	11
18105	(8, 8, 1, 1, 2, 2, 3, 2, 1, 2, 0)	11
18107	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 0)	11
18109	(10, 1, 3, 1, 4, 4, 2, 1, 1, 3, 0)	11
18111	(8, 8, 5, 2, 2, 1, 1, 1, 1, 1, 0)	11
18113	(10, 1, 3, 3, 1, 2, 3, 3, 2, 2, 0)	11
18119	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 0)	11
18121	(10, 1, 3, 3, 3, 1, 5, 1, 1, 2, 0)	11
39	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 1, 0)	12
79	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 0)	12
153	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 2, 0)	12
157	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 0)	12
305	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 0)	12
307	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 0)	12
315	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 1, 0)	12
317	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 0)	12
611	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 0)	12
613	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 0)	12
629	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 0)	12
631	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 0)	12
647	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 0)	12

683	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 0)	12
687	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 1, 0)	12
1221	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 4, 0)	12
1229	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 0)	12
1241	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 0)	12
1257	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 2, 0)	12
1261	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 0)	12
1265	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 0)	12
1269	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 5, 0)	12
1295	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 0)	12
1353	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 2, 0)	12
1367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 0)	12
1369	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 0)	12
1375	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 0)	12
1505	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 0)	12
2445	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 3, 0)	12
2453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 0)	12
2481	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 2, 0)	12
2483	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 0)	12
2489	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 0)	12
2507	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 0)	12
2515	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 0)	12
2517	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 7, 0)	12
2521	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 0)	12
2525	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 0)	12
2531	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 0)	12
2545	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 0)	12
2589	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 3, 0)	12
2593	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 0)	12
2633	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 0)	12
2705	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 0)	12

2707	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 0)	12
2733	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 3, 0)	12
2737	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 0)	12
2739	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 1, 0)	12
2745	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 2, 0)	12
2749	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 0)	12
2763	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 1, 0)	12
3001	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 0)	12
3003	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 1, 0)	12
3009	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 2, 0)	12
3011	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 0)	12
3017	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 0)	12
4885	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 6, 0)	12
4917	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 5, 0)	12
4929	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 2, 0)	12
4953	(4, 3, 2, 1, 1, 4, 2, 6, 4, 1, 2, 0)	12
4963	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 0)	12
4965	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 4, 0)	12
4979	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 0)	12
5015	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 0)	12
5017	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 0)	12
5029	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 4, 0)	12
5041	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 0)	12
5043	(4, 3, 2, 1, 3, 1, 2, 4, 6, 3, 1, 0)	12
5045	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 0)	12
5061	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 4, 0)	12
5077	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 0)	12
5081	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 0)	12
5091	(4, 3, 2, 1, 3, 1, 4, 3, 1, 7, 1, 0)	12
5121	(4, 3, 2, 1, 3, 1, 8, 2, 2, 2, 2, 0)	12
5181	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 3, 0)	12

5185	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 0)	12
5187	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 1, 0)	12
5209	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 2, 0)	12
5265	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 2, 0)	12
5267	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 0)	12
5411	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 0)	12
5413	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 0)	12
5415	(4, 3, 2, 5, 2, 6, 3, 1, 2, 1, 1, 0)	12
5419	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 0)	12
5469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 3, 0)	12
5475	(4, 5, 1, 1, 5, 1, 2, 2, 2, 6, 1, 0)	12
5477	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 0)	12
5481	(4, 5, 1, 1, 3, 6, 5, 1, 1, 1, 2, 0)	12
5491	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 0)	12
5501	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 0)	12
5527	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 0)	12
5529	(4, 3, 8, 1, 2, 2, 1, 3, 3, 1, 2, 0)	12
5531	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 0)	12
5577	(4, 5, 1, 5, 2, 1, 4, 4, 1, 1, 2, 0)	12
5579	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 0)	12
5641	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 2, 0)	12
6003	(8, 2, 5, 1, 1, 2, 1, 4, 2, 3, 1, 0)	12
6007	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 0)	12
6011	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 0)	12
6019	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 1, 0)	12
6021	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 4, 0)	12
6023	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 0)	12
6033	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 2, 0)	12
6035	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 1, 0)	12
9781	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 5, 0)	12
9813	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 8, 0)	12

9841	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 0)	12
9859	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 1, 0)	12
9905	(4, 3, 2, 1, 1, 4, 2, 6, 2, 4, 2, 0)	12
9907	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 1, 0)	12
9925	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 0)	12
9933	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 3, 0)	12
9957	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 4, 0)	12
9977	(4, 3, 2, 1, 1, 4, 10, 1, 2, 1, 2, 0)	12
10029	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 3, 0)	12
10033	(4, 3, 2, 1, 1, 6, 3, 4, 1, 4, 2, 0)	12
10035	(4, 3, 2, 1, 1, 6, 3, 4, 3, 3, 1, 0)	12
10043	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 0)	12
10061	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 0)	12
10065	(4, 3, 2, 1, 1, 12, 1, 1, 1, 3, 2, 0)	12
10069	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 9, 0)	12
10083	(4, 3, 2, 1, 3, 1, 2, 4, 4, 6, 1, 0)	12
10085	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 4, 0)	12
10097	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 0)	12
10101	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 5, 0)	12
10125	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 3, 0)	12
10161	(4, 3, 2, 1, 3, 1, 4, 1, 6, 4, 2, 0)	12
10163	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 0)	12
10181	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 0)	12
10201	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 0)	12
10243	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 0)	12
10247	(4, 3, 2, 1, 3, 1, 10, 3, 2, 1, 1, 0)	12
10357	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 5, 0)	12
10371	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 1, 0)	12
10373	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 0)	12
10417	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 0)	12
10419	(4, 3, 2, 1, 3, 7, 2, 1, 4, 3, 1, 0)	12

10425	(4, 3, 2, 1, 3, 9, 1, 3, 2, 1, 2, 0)	12
10529	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 0)	12
10531	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 0)	12
10533	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 4, 0)	12
10821	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 4, 0)	12
10827	(4, 3, 2, 5, 4, 1, 2, 1, 6, 2, 1, 0)	12
10829	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 0)	12
10831	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 1, 0)	12
10839	(4, 3, 2, 5, 4, 3, 1, 3, 4, 1, 1, 0)	12
10859	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 1, 0)	12
10933	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 5, 0)	12
10945	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 0)	12
10949	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 4, 0)	12
10953	(4, 5, 1, 1, 3, 4, 4, 5, 1, 1, 2, 0)	12
10957	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 0)	12
10961	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 0)	12
10963	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 0)	12
10969	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 2, 0)	12
10981	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 4, 0)	12
10997	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 0)	12
11053	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 0)	12
11057	(4, 3, 8, 1, 2, 2, 1, 3, 1, 4, 2, 0)	12
11059	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 0)	12
11063	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 0)	12
11067	(4, 3, 8, 1, 4, 1, 1, 5, 1, 2, 1, 0)	12
11079	(4, 3, 12, 2, 2, 1, 1, 2, 2, 1, 1, 0)	12
11153	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 0)	12
11155	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 1, 0)	12
11159	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 0)	12
11161	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 2, 0)	12
11179	(4, 5, 1, 7, 1, 5, 1, 2, 2, 2, 1, 0)	12

11283	(4, 5, 7, 1, 2, 1, 4, 2, 1, 3, 1, 0)	12
11353	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 0)	12
12005	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 0)	12
12011	(8, 2, 3, 2, 3, 6, 1, 1, 2, 2, 1, 0)	12
12013	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 3, 0)	12
12023	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 1, 0)	12
12025	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 0)	12
12037	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 0)	12
12045	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 3, 0)	12
12047	(10, 1, 1, 4, 2, 1, 2, 7, 1, 1, 1, 0)	12
12049	(10, 1, 1, 4, 2, 3, 1, 1, 3, 3, 2, 0)	12
12067	(10, 1, 3, 3, 1, 2, 1, 2, 2, 5, 1, 0)	12
12069	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 4, 0)	12
12071	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 0)	12
12073	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 2, 0)	12
12075	(10, 1, 3, 3, 1, 2, 3, 3, 2, 2, 1, 0)	12
12079	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 0)	12
19541	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 0)	12
19569	(4, 3, 2, 1, 1, 4, 2, 2, 1, 10, 2, 0)	12
19669	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 7, 0)	12
19683	(4, 3, 2, 1, 1, 4, 2, 2, 3, 9, 1, 0)	12
19717	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 4, 0)	12
19811	(4, 3, 2, 1, 1, 4, 2, 6, 2, 6, 1, 0)	12
19813	(4, 3, 2, 1, 1, 4, 2, 6, 4, 1, 4, 0)	12
19853	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 3, 0)	12
19861	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 6, 0)	12
19917	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 3, 0)	12
19921	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 2, 0)	12
19955	(4, 3, 2, 1, 1, 4, 10, 1, 2, 3, 1, 0)	12
105	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 2, 0)	13
203	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 0)	13

209	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 0)	13
211	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 0)	13
407	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 0)	13
409	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 0)	13
419	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 0)	13
421	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 0)	13
431	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 0)	13
455	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 0)	13
813	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 3, 0)	13
817	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 0)	13
819	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 1, 0)	13
827	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 0)	13
837	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 4, 0)	13
841	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 0)	13
843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 1, 0)	13
845	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 0)	13
863	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 0)	13
911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 0)	13
1003	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 0)	13
1629	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 3, 0)	13
1635	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 1, 0)	13
1637	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 0)	13
1655	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 0)	13
1659	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 1, 0)	13
1671	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 1, 0)	13
1677	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 3, 0)	13
1681	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 0)	13
1683	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 1, 0)	13
1685	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 0)	13
1687	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 0)	13
1725	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 3, 0)	13

1755	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 1, 0)	13
1803	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 1, 0)	13
1821	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 3, 0)	13
1825	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 0)	13
1833	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 2, 0)	13
2007	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 1, 0)	13
2011	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 0)	13
3253	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 0)	13
3269	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 0)	13
3277	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 0)	13
3309	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 3, 0)	13
3319	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 0)	13
3343	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 0)	13
3349	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 0)	13
3353	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 0)	13
3361	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 0)	13
3363	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 1, 0)	13
3365	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 0)	13
3373	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 0)	13
3381	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 5, 0)	13
3387	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 1, 0)	13
3393	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 2, 0)	13
3453	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 3, 0)	13
3457	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 0)	13
3511	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 0)	13
3607	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 0)	13
3609	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 2, 0)	13
3645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 3, 0)	13
3649	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 0)	13
3651	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 1, 0)	13
3665	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 0)	13

3667	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 0)	13
3687	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 1, 0)	13
3719	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 0)	13
4001	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 0)	13
4007	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 0)	13
4013	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 0)	13
4015	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 0)	13
4023	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 1, 1, 0)	13
6513	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 6, 2, 0)	13
6517	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 0)	13
6541	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 3, 0)	13
6549	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 6, 0)	13
6603	(4, 3, 2, 1, 1, 4, 2, 6, 2, 4, 2, 1, 0)	13
6617	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 0)	13
6621	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 3, 0)	13
6637	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 0)	13
6651	(4, 3, 2, 1, 1, 4, 10, 1, 2, 1, 2, 1, 0)	13
6685	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 0)	13
6689	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 0)	13
6695	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 0)	13
6705	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 4, 2, 0)	13
6707	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 0)	13
6709	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 0)	13
6721	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 2, 0)	13
6723	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 4, 1, 0)	13
6725	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 0)	13
6731	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 0)	13
6733	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 0)	13
6741	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 8, 0)	13
6749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 0)	13
6769	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 0)	13

6775	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 1, 0)	13
6787	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 0)	13
6831	(4, 3, 2, 1, 3, 1, 10, 3, 2, 1, 1, 1, 0)	13
6901	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 5, 0)	13
6913	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 0)	13
6915	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 1, 0)	13
6945	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 2, 2, 0)	13
7019	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 0)	13
7021	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 3, 0)	13
7213	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 3, 0)	13
7217	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 0)	13
7219	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 0)	13
7225	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 2, 0)	13
7239	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 1, 1, 0)	13
7285	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 0)	13
7299	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 4, 1, 0)	13
7301	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 0)	13
7307	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 0)	13
7321	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 2, 0)	13
7331	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 0)	13
7333	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 4, 0)	13
7369	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 2, 0)	13
7371	(4, 3, 8, 1, 2, 2, 1, 3, 1, 4, 2, 1, 0)	13
7375	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 0)	13
7435	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 0)	13
7439	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 0)	13
7521	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 2, 2, 0)	13
8003	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 0)	13
8007	(8, 2, 3, 2, 3, 6, 1, 1, 2, 2, 1, 1, 0)	13
8009	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 0)	13
8015	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 1, 1, 0)	13

8025	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 1, 2, 0)	13
8029	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 0)	13
8031	(10, 1, 1, 4, 2, 1, 2, 7, 1, 1, 1, 1, 0)	13
8045	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 0)	13
8047	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 0)	13
13013	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 0)	13
13027	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 1, 0)	13
13041	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 5, 2, 0)	13
13077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 6, 0)	13
13109	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 5, 0)	13
13121	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 0)	13
13145	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 1, 2, 0)	13
13207	(4, 3, 2, 1, 1, 4, 2, 6, 2, 6, 1, 1, 0)	13
13209	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 1, 2, 0)	13
13233	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 2, 0)	13
13235	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 3, 1, 0)	13
13237	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 5, 0)	13
13277	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 0)	13
13303	(4, 3, 2, 1, 1, 4, 10, 1, 2, 3, 1, 1, 0)	13
13373	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 0)	13
13377	(4, 3, 2, 1, 1, 6, 3, 4, 1, 4, 2, 2, 0)	13
13379	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 4, 1, 0)	13
13391	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 0)	13
13397	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 8, 0)	13
13411	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 6, 1, 0)	13
13413	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 4, 0)	13
13425	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 9, 2, 0)	13
13443	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 4, 1, 0)	13
13445	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 0)	13
13453	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 3, 0)	13
13461	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 6, 0)	13

13463	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 0)	13
13483	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 0)	13
13493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 0)	13
13525	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 7, 0)	13
13539	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 9, 1, 0)	13
13549	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 0)	13
13573	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 4, 0)	13
13601	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 0)	13
13657	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 0)	13
13663	(4, 3, 2, 1, 3, 1, 10, 5, 1, 1, 1, 1, 0)	13
13809	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 5, 2, 0)	13
13813	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 5, 0)	13
13827	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 4, 1, 0)	13
13829	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 4, 0)	13
13835	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 2, 1, 0)	13
13889	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 0)	13
13891	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 0)	13
14039	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 0)	13
14041	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 0)	13
14045	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 3, 0)	13
14059	(4, 3, 2, 1, 9, 3, 4, 1, 1, 2, 2, 1, 0)	13
14063	(4, 3, 2, 1, 15, 1, 1, 1, 2, 1, 1, 1, 0)	13
14429	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 3, 0)	13
14435	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 0)	13
14437	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 4, 0)	13
14441	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 1, 2, 0)	13
14451	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 3, 1, 0)	13
14479	(4, 3, 2, 7, 3, 4, 2, 1, 4, 1, 1, 1, 0)	13
14577	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 5, 2, 0)	13
14581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 5, 0)	13
14593	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 0)	13

14597	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 0)	13
14603	(4, 5, 1, 1, 3, 4, 4, 3, 2, 3, 2, 1, 0)	13
14605	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 3, 0)	13
14609	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 0)	13
14615	(4, 5, 1, 1, 3, 6, 3, 2, 1, 5, 1, 1, 0)	13
14617	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 2, 0)	13
14625	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 2, 2, 0)	13
14641	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 4, 2, 0)	13
14643	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 3, 1, 0)	13
14661	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 4, 0)	13
14667	(4, 5, 1, 1, 5, 3, 3, 2, 1, 5, 2, 1, 0)	13
14669	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 0)	13
14699	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 2, 1, 0)	13
14737	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 0)	13
14739	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 3, 1, 0)	13
14743	(4, 3, 8, 1, 2, 2, 1, 3, 1, 6, 1, 1, 0)	13
14745	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 2, 0)	13
14749	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 3, 0)	13
14759	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 0)	13
14871	(4, 5, 1, 5, 2, 1, 4, 2, 2, 5, 1, 1, 0)	13
14873	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 1, 2, 0)	13
14877	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 3, 0)	13
14881	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 2, 2, 0)	13
14887	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 1, 0)	13
14905	(4, 5, 1, 7, 1, 5, 1, 2, 2, 2, 1, 2, 0)	13
15043	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 4, 1, 0)	13
15047	(4, 5, 7, 1, 2, 3, 1, 4, 2, 2, 1, 1, 0)	13
15137	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 0)	13
16005	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 4, 0)	13
16011	(8, 2, 5, 1, 1, 2, 1, 6, 1, 3, 2, 1, 0)	13
16015	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 1, 0)	13

16017	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 3, 2, 0)	13
16019	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 3, 1, 0)	13
16029	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 3, 0)	13
16033	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 0)	13
16049	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 2, 0)	13
16051	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 0)	13
16053	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 5, 0)	13
16061	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 3, 0)	13
16065	(10, 1, 1, 4, 2, 3, 1, 1, 3, 3, 2, 2, 0)	13
16071	(10, 1, 1, 4, 2, 3, 1, 5, 2, 2, 1, 1, 0)	13
16089	(10, 1, 3, 3, 1, 2, 1, 2, 2, 5, 1, 2, 0)	13
16093	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 1, 3, 0)	13
16095	(8, 8, 1, 1, 4, 1, 3, 3, 1, 1, 1, 1, 0)	13
16097	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 2, 2, 0)	13
16105	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 2, 0)	13
16107	(10, 1, 3, 3, 3, 1, 5, 1, 1, 2, 2, 1, 0)	13
135	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 1, 0)	14
139	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 0)	14
271	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 0)	14
279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 1, 0)	14
281	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 0)	14
287	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 0)	14
303	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 1, 0)	14
541	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 0)	14
545	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 0)	14
551	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 0)	14
557	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 0)	14
561	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 2, 0)	14
563	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 0)	14
575	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 0)	14
607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 0)	14

1085	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 0)	14
1089	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 2, 0)	14
1091	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 0)	14
1103	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 0)	14
1117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 0)	14
1121	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 0)	14
1123	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 0)	14
1125	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 4, 0)	14
1149	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 3, 0)	14
1213	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 0)	14
1337	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 0)	14
2165	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 0)	14
2179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 0)	14
2181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 4, 0)	14
2205	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 3, 0)	14
2229	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 5, 0)	14
2235	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 1, 0)	14
2241	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 2, 0)	14
2243	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 0)	14
2245	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 0)	14
2249	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 0)	14
2253	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 3, 0)	14
2301	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 3, 0)	14
2429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 0)	14
2433	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 2, 0)	14
2443	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 0)	14
2479	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 0)	14
2667	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 1, 0)	14
2671	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 0)	14
2675	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 0)	14
2681	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 0)	14

4337	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 0)	14
4341	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 5, 0)	14
4357	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 0)	14
4365	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 3, 0)	14
4369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 0)	14
4411	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 0)	14
4413	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 3, 0)	14
4425	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 2, 0)	14
4457	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 0)	14
4459	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 0)	14
4463	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 0)	14
4465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 0)	14
4469	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 0)	14
4471	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 1, 0)	14
4481	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 0)	14
4483	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 0)	14
4485	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 4, 0)	14
4487	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 0)	14
4493	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 0)	14
4497	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 2, 0)	14
4499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 0)	14
4501	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 0)	14
4597	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 5, 0)	14
4609	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 0)	14
4679	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 0)	14
4681	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 0)	14
4809	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 2, 0)	14
4811	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 0)	14
4853	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 0)	14
4865	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 0)	14
4867	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 1, 0)	14

4871	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 0)	14
4887	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 1, 0)	14
4889	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 0)	14
4959	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 1, 0)	14
5335	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 1, 0)	14
5339	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 0)	14
5343	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 1, 1, 1, 0)	14
5349	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 4, 0)	14
5353	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 2, 0)	14
5363	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 0)	14
8661	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 7, 0)	14
8675	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 0)	14
8689	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 0)	14
8717	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 3, 0)	14
8721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 3, 2, 0)	14
8725	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 6, 0)	14
8739	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 5, 1, 0)	14
8747	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 0)	14
8763	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 1, 2, 1, 0)	14
8821	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 5, 0)	14
8823	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 3, 1, 1, 0)	14
8849	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 0)	14
8851	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 0)	14
8913	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 2, 0)	14
8915	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 0)	14
8917	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 7, 0)	14
8919	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 4, 1, 1, 0)	14
8927	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 0)	14
8931	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 8, 1, 0)	14
8941	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 0)	14
8945	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 0)	14

8961	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 2, 2, 0)	14
8963	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 0)	14
8965	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 4, 0)	14
8973	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 3, 0)	14
8975	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 0)	14
8977	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 0)	14
8981	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 0)	14
8995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 0)	14
8997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 4, 0)	14
9013	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 0)	14
9025	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 2, 0)	14
9033	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 1, 2, 0)	14
9049	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 2, 0)	14
9067	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 0)	14
9201	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 5, 2, 0)	14
9205	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 5, 0)	14
9217	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 0)	14
9219	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 4, 1, 0)	14
9223	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 2, 1, 1, 0)	14
9259	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 1, 0)	14
9359	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 0)	14
9361	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 3, 2, 0)	14
9363	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 3, 1, 0)	14
9375	(4, 3, 2, 1, 15, 1, 1, 1, 2, 1, 1, 1, 1, 0)	14
9617	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 3, 2, 0)	14
9619	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 3, 1, 0)	14
9623	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 0)	14
9625	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 0)	14
9627	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 1, 2, 1, 0)	14
9633	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 2, 2, 0)	14
9713	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 0)	14

9717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 5, 0)	14
9731	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 0)	14
9733	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 0)	14
9735	(4, 5, 1, 1, 3, 4, 4, 3, 2, 3, 2, 1, 1, 0)	14
9739	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 0)	14
9743	(4, 5, 1, 1, 3, 6, 3, 2, 1, 5, 1, 1, 1, 0)	14
9761	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 2, 2, 0)	14
9773	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 0)	14
9777	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 4, 2, 0)	14
9779	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 0)	14
9799	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 2, 1, 1, 0)	14
9825	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 2, 2, 0)	14
9833	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 0)	14
9839	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 0)	14
9913	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 2, 0)	14
9915	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 1, 2, 1, 0)	14
9917	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 0)	14
10031	(4, 5, 7, 1, 2, 3, 1, 4, 2, 2, 1, 1, 1, 0)	14
10091	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 0)	14
10669	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 0)	14
10679	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 3, 1, 1, 0)	14
10685	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 0)	14
10699	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 2, 1, 0)	14
10701	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 3, 0)	14
10705	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 0)	14
10707	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 3, 1, 0)	14
10725	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 4, 0)	14
10729	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 0)	14
10731	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 2, 2, 1, 0)	14
17349	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 4, 0)	14
17365	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 7, 0)	14

17369	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 1, 2, 0)	14
17379	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 7, 1, 0)	14
17429	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 6, 0)	14
17443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 5, 1, 0)	14
17461	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 5, 0)	14
17477	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 4, 0)	14
17483	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 7, 2, 1, 0)	14
17495	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 0)	14
17527	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 3, 1, 1, 0)	14
17609	(4, 3, 2, 1, 1, 4, 2, 6, 2, 6, 1, 1, 2, 0)	14
17611	(4, 3, 2, 1, 1, 4, 2, 6, 4, 1, 4, 2, 1, 0)	14
17645	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 3, 0)	14
17649	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 5, 2, 0)	14
17653	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 5, 0)	14
17699	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 5, 1, 0)	14
17701	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 4, 0)	14
17707	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 2, 2, 1, 0)	14
17737	(4, 3, 2, 1, 1, 4, 10, 1, 2, 3, 1, 1, 2, 0)	14
17827	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 5, 1, 0)	14
17829	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 4, 0)	14
17837	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 0)	14
17853	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 3, 0)	14
17861	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 4, 0)	14
17877	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 7, 0)	14
17881	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 6, 1, 2, 0)	14
17885	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 3, 0)	14
17891	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 0)	14
17923	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 4, 1, 0)	14
17925	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 4, 0)	14
17931	(4, 3, 2, 1, 3, 1, 2, 4, 6, 3, 3, 2, 1, 0)	14
17933	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 3, 0)	14

17937	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 3, 2, 0)	14
17941	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 0)	14
17949	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 3, 0)	14
17955	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 5, 1, 0)	14
17963	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 2, 2, 1, 0)	14
17973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 5, 0)	14
17977	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 2, 0)	14
17989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 4, 0)	14
17995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 0)	14
17997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 3, 0)	14
18005	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 8, 0)	14
18033	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 7, 2, 0)	14
18051	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 4, 1, 0)	14
18065	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 2, 0)	14
18067	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 3, 1, 0)	14
18097	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 4, 2, 0)	14
18099	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 3, 1, 0)	14
18135	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 4, 1, 1, 0)	14
18209	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 2, 0)	14
18217	(4, 3, 2, 1, 3, 1, 10, 5, 1, 1, 1, 1, 2, 0)	14
18389	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 0)	14
18403	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 7, 1, 0)	14
18417	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 5, 2, 0)	14
18435	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 4, 1, 0)	14
18437	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 4, 0)	14
18439	(4, 3, 2, 1, 3, 3, 5, 1, 6, 3, 2, 1, 1, 0)	14
18443	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 0)	14
18447	(4, 3, 2, 1, 3, 3, 5, 3, 3, 5, 1, 1, 1, 0)	14
18519	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 4, 1, 1, 0)	14
18521	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 0)	14
18717	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 3, 0)	14

18721	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 0)	14
18723	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 5, 1, 0)	14
18725	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 4, 0)	14
18727	(4, 3, 2, 1, 7, 2, 6, 2, 3, 1, 2, 1, 1, 0)	14
18735	(4, 3, 2, 1, 7, 4, 5, 2, 2, 2, 1, 1, 1, 0)	14
18745	(4, 3, 2, 1, 9, 3, 4, 1, 1, 2, 2, 1, 2, 0)	14
18751	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 1, 0)	14
19235	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 0)	14
19237	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 4, 0)	14
19245	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 3, 0)	14
19249	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 4, 2, 0)	14
19251	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 3, 1, 0)	14
19255	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 3, 1, 1, 0)	14
19267	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 4, 1, 0)	14
19305	(4, 3, 2, 7, 3, 4, 2, 1, 4, 1, 1, 1, 2, 0)	14
19413	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 7, 0)	14
19427	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 7, 1, 0)	14
19441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 5, 2, 0)	14
19457	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 0)	14
19461	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 4, 0)	14
19467	(4, 5, 1, 1, 5, 1, 2, 2, 2, 6, 3, 2, 1, 0)	14
19469	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 3, 0)	14
19471	(4, 5, 1, 1, 3, 4, 4, 3, 2, 5, 1, 1, 1, 0)	14
19473	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 3, 2, 0)	14
19479	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 5, 1, 1, 0)	14
19485	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 3, 0)	14
19489	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 2, 2, 0)	14
19499	(4, 5, 1, 1, 5, 1, 2, 4, 3, 4, 2, 2, 1, 0)	14
19521	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 4, 2, 2, 0)	14
19523	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 4, 1, 0)	14
19549	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 3, 0)	14

19555	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 6, 1, 0)	14
19557	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 4, 0)	14
19599	(4, 5, 1, 1, 9, 2, 2, 3, 1, 4, 1, 1, 1, 0)	14
19649	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 0)	14
19651	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 4, 1, 0)	14
19657	(4, 3, 8, 1, 2, 2, 1, 3, 1, 6, 1, 1, 2, 0)	14
19659	(4, 3, 8, 1, 2, 2, 1, 3, 3, 1, 4, 2, 1, 0)	14
19665	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 3, 2, 0)	14
19667	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 3, 1, 0)	14
19675	(4, 3, 8, 1, 4, 1, 1, 5, 3, 1, 1, 2, 1, 0)	14
19679	(4, 3, 8, 1, 4, 1, 5, 2, 3, 1, 1, 1, 1, 0)	14
19691	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 2, 2, 1, 0)	14
19827	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 1, 0)	14
19831	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 1, 0)	14
19835	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 0)	14
19837	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 3, 0)	14
19841	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 2, 2, 2, 0)	14
19849	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 1, 2, 0)	14
19873	(4, 5, 1, 7, 1, 5, 1, 2, 2, 2, 1, 2, 2, 0)	14
185	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 0)	15
187	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 0)	15
191	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 0)	15
361	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 0)	15
363	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 1, 0)	15
367	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 0)	15
371	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 0)	15
375	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 1, 0)	15
383	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 0)	15
721	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 0)	15
723	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 1, 0)	15
727	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 0)	15

735	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 1, 0)	15
741	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 4, 0)	15
747	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 1, 0)	15
749	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 0)	15
765	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 3, 0)	15
809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 0)	15
891	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 1, 0)	15
1443	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 1, 0)	15
1445	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 0)	15
1453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 0)	15
1469	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 0)	15
1485	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 3, 0)	15
1489	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 0)	15
1495	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 0)	15
1497	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 2, 0)	15
1499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 0)	15
1501	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 0)	15
1533	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 3, 0)	15
1617	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 2, 0)	15
1619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 0)	15
1783	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 0)	15
1787	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 0)	15
2885	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 0)	15
2891	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 0)	15
2893	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 0)	15
2905	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 0)	15
2909	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 0)	15
2941	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 3, 0)	15
2965	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 0)	15
2971	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 0)	15
2975	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 0)	15

2979	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 1, 0)	15
2987	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 0)	15
2989	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 0)	15
2991	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 1, 0)	15
2993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 0)	15
2995	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 1, 0)	15
2997	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 5, 0)	15
2999	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 0)	15
3061	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 0)	15
3119	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 0)	15
3207	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 1, 0)	15
3235	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 0)	15
3237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 4, 0)	15
3243	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 1, 0)	15
3247	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 1, 0)	15
3257	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 0)	15
3259	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 0)	15
3305	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 0)	15
3559	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 0)	15
3561	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 2, 0)	15
3565	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 0)	15
3575	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 0)	15
5773	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 0)	15
5781	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 6, 0)	15
5783	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 0)	15
5809	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 2, 0)	15
5811	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 3, 1, 0)	15
5813	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 0)	15
5825	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 0)	15
5831	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 0)	15
5877	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 5, 0)	15

5881	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 0)	15
5899	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 0)	15
5941	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 0)	15
5943	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 1, 0)	15
5945	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 0)	15
5951	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 0)	15
5953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 0)	15
5957	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 0)	15
5961	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 1, 2, 0)	15
5963	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 0)	15
5975	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 0)	15
5977	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 0)	15
5981	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 3, 0)	15
5983	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 0)	15
5987	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 0)	15
5989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 0)	15
5997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 3, 0)	15
6001	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 2, 0)	15
6005	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 0)	15
6129	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 5, 2, 0)	15
6133	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 5, 0)	15
6145	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 2, 0)	15
6239	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 0)	15
6241	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 0)	15
6411	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 3, 2, 1, 0)	15
6415	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 1, 0)	15
6469	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 4, 0)	15
6475	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 0)	15
6477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 3, 0)	15
6487	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 1, 0)	15
6489	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 1, 2, 0)	15

6495	(4, 5, 1, 1, 3, 6, 3, 2, 1, 5, 1, 1, 1, 1, 0)	15
6507	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 2, 2, 1, 0)	15
6515	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 0)	15
6519	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 1, 0)	15
6555	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 1, 0)	15
6559	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 1, 0)	15
6611	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 1, 0)	15
6687	(4, 5, 7, 1, 2, 3, 1, 4, 2, 2, 1, 1, 1, 1, 0)	15
6727	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 1, 0)	15
7113	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 1, 2, 0)	15
7119	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 3, 1, 1, 1, 0)	15
7123	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 0)	15
7133	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 0)	15
7137	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 2, 2, 0)	15
7149	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 3, 0)	15
11541	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 6, 0)	15
11565	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 3, 0)	15
11573	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 0)	15
11579	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 1, 2, 1, 0)	15
11585	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 0)	15
11619	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 6, 1, 0)	15
11621	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 4, 0)	15
11633	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 6, 2, 0)	15
11637	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 5, 0)	15
11651	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 4, 1, 0)	15
11655	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 7, 2, 1, 1, 0)	15
11663	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 0)	15
11739	(4, 3, 2, 1, 1, 4, 2, 6, 2, 6, 1, 1, 2, 1, 0)	15
11761	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 5, 2, 0)	15
11763	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 3, 1, 0)	15
11765	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 0)	15

11799	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 5, 1, 1, 0)	15
11801	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 0)	15
11861	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 8, 0)	15
11885	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 3, 0)	15
11889	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 7, 2, 0)	15
11891	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 0)	15
11901	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 3, 0)	15
11907	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 4, 1, 0)	15
11917	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 0)	15
11921	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 0)	15
11923	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 3, 1, 0)	15
11927	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 0)	15
11949	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 3, 0)	15
11953	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 4, 2, 0)	15
11955	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 3, 1, 0)	15
11957	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 5, 0)	15
11965	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 3, 0)	15
11969	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 2, 0)	15
11973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 4, 0)	15
11975	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 2, 2, 1, 1, 0)	15
11981	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 0)	15
11989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 7, 0)	15
11993	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 2, 0)	15
11997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 3, 0)	15
12003	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 8, 1, 0)	15
12017	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 0)	15
12033	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 2, 2, 0)	15
12043	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 2, 1, 0)	15
12065	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 2, 2, 0)	15
12089	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 0)	15
12139	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 2, 1, 0)	15

12245	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 7, 0)	15
12259	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 1, 0)	15
12273	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 5, 2, 0)	15
12289	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 2, 0)	15
12291	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 4, 1, 0)	15
12295	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 1, 0)	15
12297	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 2, 1, 1, 2, 0)	15
12345	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 1, 2, 0)	15
12347	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 1, 0)	15
12477	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 3, 0)	15
12481	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 3, 2, 2, 0)	15
12483	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 4, 1, 0)	15
12823	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 1, 0)	15
12825	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 3, 1, 2, 0)	15
12829	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 3, 0)	15
12833	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 0)	15
12941	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 3, 0)	15
12949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 6, 0)	15
12951	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 7, 1, 1, 0)	15
12971	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 1, 0)	15
12973	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 0)	15
12977	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 0)	15
12979	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 3, 1, 0)	15
12985	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 2, 0)	15
12989	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 0)	15
12999	(4, 5, 1, 1, 5, 1, 2, 4, 3, 4, 2, 2, 1, 1, 0)	15
13015	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 4, 1, 1, 0)	15
13029	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 4, 0)	15
13037	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 3, 0)	15
13065	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 2, 1, 1, 2, 0)	15
13099	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 1, 0)	15

13111	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 3, 1, 1, 0)	15
13119	(4, 3, 8, 1, 4, 1, 5, 2, 3, 1, 1, 1, 1, 1, 0)	15
13127	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 2, 2, 1, 1, 0)	15
13217	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 2, 2, 0)	15
13221	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 4, 0)	15
13223	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 0)	15
13227	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 2, 2, 2, 1, 0)	15
13371	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 4, 1, 2, 1, 0)	15
13375	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 0)	15
13455	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 4, 1, 1, 1, 0)	15
14225	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 0)	15
14227	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 3, 1, 0)	15
14235	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 1, 2, 1, 0)	15
14237	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 3, 0)	15
14239	(8, 2, 3, 2, 5, 3, 3, 3, 1, 2, 1, 1, 1, 1, 0)	15
14245	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 4, 0)	15
14251	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 0)	15
14261	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 0)	15
14265	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 2, 1, 2, 0)	15
14267	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 0)	15
14273	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 0)	15
14275	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 4, 1, 0)	15
14301	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 3, 0)	15
14305	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 0)	15
14311	(10, 1, 3, 3, 1, 2, 3, 3, 4, 1, 1, 2, 1, 1, 0)	15
14315	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 2, 2, 1, 0)	15
123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 1, 0)	16
127	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 0)	16
247	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 0)	16
249	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 2, 0)	16
255	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 1, 0)	16

481	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 0)	16
489	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 2, 0)	16
493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 0)	16
499	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 0)	16
509	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 0)	16
539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 0)	16
961	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 0)	16
963	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 1, 0)	16
969	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 2, 0)	16
979	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 0)	16
989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 0)	16
997	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 0)	16
999	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 1, 0)	16
1021	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 0)	16
1079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 0)	16
1191	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 1, 0)	16
1923	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 1, 0)	16
1925	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 0)	16
1927	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 0)	16
1937	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 0)	16
1939	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 0)	16
1957	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 0)	16
1973	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 0)	16
1983	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 1, 0)	16
1985	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 0)	16
1991	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 0)	16
1993	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 0)	16
1995	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 1, 0)	16
1997	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 0)	16
1999	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 0)	16
2001	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 2, 0)	16

2037	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 5, 0)	16
2079	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 1, 0)	16
2157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 3, 0)	16
2171	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 0)	16
2203	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 0)	16
2377	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 0)	16
2383	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 0)	16
3845	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 0)	16
3853	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 0)	16
3855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 1, 0)	16
3857	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 0)	16
3873	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 2, 0)	16
3875	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 0)	16
3877	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 4, 0)	16
3883	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 0)	16
3887	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 0)	16
3917	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 0)	16
3921	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 3, 2, 0)	16
3953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 0)	16
3957	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 5, 0)	16
3961	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 0)	16
3963	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 1, 0)	16
3967	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 1, 0)	16
3971	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 0)	16
3975	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 1, 0)	16
3983	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 0)	16
3985	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 2, 0)	16
3987	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 3, 1, 0)	16
3989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 0)	16
3991	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 0)	16
3993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 1, 2, 0)	16

3997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 0)	16
4003	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 1, 0)	16
4081	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 0)	16
4085	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 0)	16
4159	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 0)	16
4313	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 0)	16
4317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 3, 0)	16
4329	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 1, 2, 0)	16
4343	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 1, 0)	16
4345	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 2, 0)	16
4407	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 1, 1, 0)	16
4745	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 0)	16
4753	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 0)	16
4755	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 1, 0)	16
4765	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 0)	16
7693	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 3, 0)	16
7697	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 0)	16
7701	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 6, 0)	16
7709	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 3, 0)	16
7715	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 0)	16
7719	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 1, 2, 1, 1, 0)	16
7723	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 0)	16
7745	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 2, 2, 0)	16
7747	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 4, 1, 0)	16
7749	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 4, 0)	16
7755	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 6, 2, 1, 0)	16
7757	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 0)	16
7767	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 4, 1, 1, 0)	16
7775	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 0)	16
7829	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 0)	16
7841	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 0)	16

7843	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 0)	16
7865	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 0)	16
7867	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 0)	16
7893	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 7, 0)	16
7907	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 8, 1, 0)	16
7921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 0)	16
7923	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 3, 1, 0)	16
7927	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 0)	16
7933	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 0)	16
7937	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 0)	16
7941	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 4, 0)	16
7947	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 1, 0)	16
7951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 0)	16
7965	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 3, 0)	16
7969	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 2, 0)	16
7971	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 5, 1, 0)	16
7973	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 0)	16
7977	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 2, 0)	16
7979	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 2, 1, 0)	16
7981	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 3, 0)	16
7983	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 2, 2, 1, 1, 1, 0)	16
7985	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 0)	16
7987	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 0)	16
7989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 5, 0)	16
7995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 2, 1, 0)	16
7997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 3, 0)	16
8001	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 2, 2, 0)	16
8005	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 0)	16
8011	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 1, 0)	16
8043	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 2, 2, 1, 0)	16
8059	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 0)	16

8149	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 0)	16
8163	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 7, 1, 0)	16
8177	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 5, 2, 0)	16
8193	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 2, 2, 0)	16
8231	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 1, 1, 0)	16
8317	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 0)	16
8321	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 0)	16
8553	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 1, 2, 0)	16
8555	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 1, 0)	16
8625	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 4, 2, 0)	16
8627	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 3, 1, 0)	16
8629	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 5, 0)	16
8633	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 0)	16
8647	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 1, 1, 0)	16
8649	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 1, 2, 0)	16
8651	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 0)	16
8659	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 1, 0)	16
8685	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 3, 0)	16
8691	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 3, 1, 0)	16
8745	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 1, 2, 0)	16
8751	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 0)	16
8811	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 2, 2, 1, 0)	16
8813	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 0)	16
8815	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 0)	16
8969	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 1, 2, 0)	16
9483	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 1, 0)	16
9491	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 3, 1, 0)	16
9497	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 0)	16
9507	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 1, 0)	16
9509	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 4, 0)	16
9511	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 1, 0)	16

9515	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 0)	16
9533	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 0)	16
9543	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 2, 2, 1, 1, 0)	16
15381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 6, 0)	16
15395	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 5, 1, 0)	16
15413	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 5, 0)	16
15421	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 3, 0)	16
15429	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 4, 0)	16
15435	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 7, 2, 1, 0)	16
15439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 3, 1, 1, 1, 0)	16
15447	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 4, 1, 1, 0)	16
15491	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 0)	16
15493	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 4, 0)	16
15501	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 3, 0)	16
15509	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 6, 0)	16
15511	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 0)	16
15533	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 3, 0)	16
15549	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 3, 0)	16
15579	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 3, 1, 1, 2, 1, 0)	16
15655	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 3, 1, 2, 1, 1, 0)	16
15669	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 5, 0)	16
15681	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 5, 2, 2, 0)	16
15683	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 4, 1, 0)	16
15685	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 3, 4, 0)	16
15691	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 5, 2, 1, 0)	16
15731	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 0)	16
15735	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 3, 1, 1, 0)	16
15739	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 2, 2, 1, 2, 1, 0)	16
15813	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 4, 0)	16
15829	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 7, 0)	16
15843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 7, 1, 0)	16

15845	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 4, 0)	16
15853	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 3, 0)	16
15869	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 0)	16
15875	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 0)	16
15885	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 3, 0)	16
15889	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 0)	16
15895	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 5, 1, 1, 0)	16
15897	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 3, 1, 2, 0)	16
15901	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 3, 0)	16
15911	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 1, 2, 1, 1, 0)	16
15931	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 4, 1, 2, 1, 0)	16
15933	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 3, 0)	16
15937	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 4, 2, 2, 0)	16
15939	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 4, 1, 0)	16
15941	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 4, 0)	16
15947	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 0)	16
15949	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 3, 3, 0)	16
15953	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 3, 2, 0)	16
15955	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 3, 1, 0)	16
15957	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 8, 0)	16
15959	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 0)	16
15965	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 3, 0)	16
15967	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 0)	16
15971	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 6, 1, 0)	16
15973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 1, 4, 0)	16
15979	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 2, 2, 1, 0)	16
15985	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 7, 2, 0)	16
15989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 5, 0)	16
15991	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 3, 1, 1, 0)	16
15995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 2, 1, 0)	16
16003	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 4, 1, 0)	16

16013	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 0)	16
16023	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 7, 1, 1, 0)	16
16057	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 2, 1, 2, 0)	16
16059	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 3, 1, 2, 1, 0)	16
16087	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 4, 1, 1, 0)	16
16119	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 3, 1, 1, 0)	16
16185	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 2, 1, 2, 0)	16
16325	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 0)	16
16341	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 7, 0)	16
16345	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 1, 2, 0)	16
16355	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 0)	16
16385	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 2, 2, 0)	16
16387	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 1, 0)	16
16391	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 3, 2, 1, 1, 0)	16
16393	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 1, 2, 0)	16
16463	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 0)	16
16637	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 3, 0)	16
16641	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 3, 2, 2, 2, 0)	16
16643	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 4, 1, 0)	16
16667	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 0)	16
17097	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 1, 2, 0)	16
17099	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 4, 2, 1, 0)	16
17105	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 3, 2, 0)	16
17107	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 3, 1, 0)	16
17111	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 0)	16
17115	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 3, 1, 1, 2, 1, 0)	16
17135	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	16
17159	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 1, 3, 2, 1, 1, 0)	16
17251	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 6, 1, 0)	16
17253	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 4, 0)	16
17265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 6, 2, 0)	16

17267	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 3, 1, 0)	16
17269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 5, 0)	16
17295	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 4, 1, 1, 1, 0)	16
17297	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 0)	16
17299	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 3, 1, 0)	16
17303	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 6, 1, 1, 0)	16
17305	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 3, 1, 2, 0)	16
17307	(4, 5, 1, 1, 3, 4, 4, 3, 2, 5, 1, 1, 1, 2, 1, 0)	16
17313	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 2, 2, 0)	16
17317	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 1, 4, 0)	16
17319	(4, 5, 1, 1, 5, 1, 2, 2, 8, 2, 2, 1, 2, 1, 1, 0)	16
17323	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 2, 2, 2, 1, 0)	16
17353	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 4, 1, 1, 2, 0)	16
17373	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 3, 0)	16
17381	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 4, 0)	16
17383	(4, 5, 1, 1, 5, 3, 3, 2, 1, 7, 1, 1, 2, 1, 1, 0)	16
17465	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 1, 2, 0)	16
17467	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 4, 1, 2, 1, 0)	16
17481	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 3, 1, 1, 2, 0)	16
17491	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 0)	16
17503	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 4, 1, 1, 1, 1, 0)	16
17623	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 4, 1, 1, 0)	16
17627	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 1, 2, 1, 0)	16
17629	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 1, 3, 0)	16
17631	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 3, 1, 1, 1, 1, 0)	16
17643	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 1, 2, 2, 1, 0)	16
17831	(4, 5, 7, 1, 2, 1, 6, 1, 1, 3, 2, 1, 2, 1, 1, 0)	16
17833	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 0)	16
17939	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 3, 1, 0)	16
18967	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 0)	16
18969	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 3, 1, 2, 0)	16

18975	(8, 2, 5, 1, 1, 2, 1, 4, 6, 2, 2, 1, 1, 1, 1, 0)	16
18981	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 4, 0)	16
18983	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 0)	16
18985	(8, 2, 3, 2, 5, 3, 3, 3, 1, 2, 1, 1, 1, 1, 2, 0)	16
18993	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 4, 2, 0)	16
18995	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 3, 1, 0)	16
19001	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 0)	16
19013	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 4, 0)	16
19019	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 6, 2, 1, 0)	16
19021	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 3, 0)	16
19023	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 3, 1, 1, 1, 0)	16
19031	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 4, 1, 1, 0)	16
19033	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 4, 1, 2, 0)	16
19047	(10, 1, 1, 4, 2, 3, 1, 5, 4, 1, 1, 1, 2, 1, 1, 0)	16
19061	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 0)	16
19067	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 4, 2, 1, 2, 1, 0)	16
19073	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 2, 0)	16
19081	(10, 1, 3, 3, 1, 2, 3, 3, 4, 1, 1, 2, 1, 1, 2, 0)	16
19087	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 4, 1, 1, 1, 0)	16
169	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 0)	17
329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 0)	17
339	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 1, 0)	17
359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 0)	17
641	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 0)	17
657	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 2, 0)	17
659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 0)	17
665	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 0)	17
677	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 0)	17
719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 0)	17
1281	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 2, 0)	17
1283	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 0)	17

1291	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 0)	17
1305	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 2, 0)	17
1315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 0)	17
1317	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 4, 0)	17
1323	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 1, 0)	17
1327	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 0)	17
1329	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 2, 0)	17
1331	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 0)	17
1357	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 0)	17
1361	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 0)	17
1437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 3, 0)	17
1447	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 0)	17
2563	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 0)	17
2565	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 4, 0)	17
2569	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 0)	17
2571	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 1, 0)	17
2583	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 1, 0)	17
2585	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 0)	17
2591	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 0)	17
2609	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 0)	17
2611	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 0)	17
2629	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 0)	17
2635	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 0)	17
2637	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 3, 0)	17
2647	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 0)	17
2655	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 1, 0)	17
2657	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 0)	17
2659	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 0)	17
2661	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 4, 0)	17
2665	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 0)	17
2709	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 6, 0)	17

2723	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 0)	17
2875	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 0)	17
2877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 3, 0)	17
2895	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 1, 1, 0)	17
2937	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 2, 0)	17
3163	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 0)	17
3169	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 0)	17
3177	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 2, 0)	17
5125	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 0)	17
5131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 0)	17
5133	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 3, 0)	17
5137	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 2, 0)	17
5139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 3, 1, 0)	17
5143	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 0)	17
5163	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 2, 2, 1, 0)	17
5165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 0)	17
5169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 4, 2, 0)	17
5171	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 0)	17
5177	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 0)	17
5183	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 0)	17
5219	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 0)	17
5221	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 0)	17
5227	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 0)	17
5243	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 0)	17
5261	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 0)	17
5269	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 0)	17
5271	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 8, 1, 1, 0)	17
5281	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 2, 0)	17
5289	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 1, 2, 0)	17
5291	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 0)	17
5293	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 0)	17

5309	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 0)	17
5313	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 2, 2, 0)	17
5315	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 0)	17
5317	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 4, 0)	17
5319	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 2, 1, 1, 0)	17
5321	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 0)	17
5323	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 1, 0)	17
5325	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 3, 0)	17
5329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 0)	17
5331	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 3, 1, 0)	17
5337	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 1, 2, 0)	17
5429	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 0)	17
5441	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 0)	17
5445	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 4, 0)	17
5451	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 5, 2, 1, 0)	17
5487	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 1, 1, 1, 0)	17
5545	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 0)	17
5547	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 1, 0)	17
5703	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 1, 1, 0)	17
5749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 5, 0)	17
5751	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 3, 1, 1, 0)	17
5755	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 0)	17
5767	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 1, 0)	17
5789	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 0)	17
5793	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 2, 2, 0)	17
5875	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 1, 0)	17
5979	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 1, 2, 1, 0)	17
6327	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 3, 1, 1, 0)	17
6331	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 0)	17
6337	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 0)	17
6339	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 4, 1, 0)	17

6343	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 1, 0)	17
6353	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 0)	17
6355	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 0)	17
10253	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 0)	17
10257	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 3, 2, 0)	17
10261	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 6, 0)	17
10263	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 5, 1, 1, 0)	17
10275	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 5, 1, 0)	17
10277	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 0)	17
10285	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 3, 0)	17
10297	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 0)	17
10327	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 0)	17
10329	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 4, 1, 2, 0)	17
10333	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 3, 0)	17
10339	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 6, 1, 0)	17
10341	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 4, 0)	17
10355	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 3, 1, 0)	17
10365	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 3, 0)	17
10437	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 4, 0)	17
10445	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 3, 0)	17
10455	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 4, 1, 1, 0)	17
10457	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 0)	17
10487	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 0)	17
10489	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 0)	17
10517	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 6, 0)	17
10541	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 0)	17
10549	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 5, 0)	17
10561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 2, 0)	17
10563	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 4, 1, 0)	17
10569	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 2, 0)	17
10577	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 0)	17

10579	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 0)	17
10583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 0)	17
10589	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 3, 0)	17
10601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 0)	17
10607	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 1, 2, 1, 1, 1, 0)	17
10621	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 0)	17
10625	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 2, 2, 0)	17
10627	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 4, 1, 0)	17
10629	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 4, 0)	17
10631	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 0)	17
10635	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 3, 2, 1, 0)	17
10637	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 0)	17
10639	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 0)	17
10641	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 3, 2, 0)	17
10643	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 3, 1, 0)	17
10645	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 6, 0)	17
10647	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 6, 1, 1, 0)	17
10649	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 0)	17
10659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 5, 1, 0)	17
10661	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 4, 0)	17
10663	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 2, 1, 1, 0)	17
10673	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 0)	17
10675	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 0)	17
10681	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 1, 2, 0)	17
10745	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 0)	17
10837	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 8, 0)	17
10865	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 2, 0)	17
10883	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 0)	17
10893	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 3, 0)	17
10903	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 1, 0)	17
10923	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 2, 2, 1, 0)	17

10927	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 3, 2, 1, 1, 1, 0)	17
10975	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 0)	17
11089	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 0)	17
11091	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 3, 1, 0)	17
11095	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 4, 1, 1, 0)	17
11111	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 0)	17
11399	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 4, 2, 1, 1, 0)	17
11403	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 3, 2, 1, 0)	17
11407	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 0)	17
11423	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	17
11439	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 1, 3, 2, 1, 1, 1, 0)	17
11501	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 0)	17
11505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 5, 2, 0)	17
11509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 5, 0)	17
11511	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 3, 1, 1, 0)	17
11529	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 1, 1, 2, 0)	17
11531	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 0)	17
11535	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 6, 1, 1, 1, 0)	17
11545	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 1, 2, 0)	17
11581	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 1, 3, 0)	17
11587	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 4, 1, 0)	17
11643	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 1, 2, 1, 0)	17
11749	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 4, 0)	17
11751	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 1, 2, 1, 1, 0)	17
11753	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 0)	17
11887	(4, 5, 7, 1, 2, 1, 6, 1, 1, 3, 2, 1, 2, 1, 1, 1, 0)	17
11959	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 3, 1, 1, 0)	17
12653	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 0)	17
12655	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 1, 0)	17
12663	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 3, 1, 1, 0)	17
12667	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 1, 0)	17

12675	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 4, 1, 0)	17
12677	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 4, 0)	17
12679	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 6, 2, 1, 1, 0)	17
12681	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 1, 2, 0)	17
12687	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 4, 1, 1, 1, 0)	17
12707	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 0)	17
12709	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 4, 0)	17
12711	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 4, 2, 1, 2, 1, 1, 0)	17
12715	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 2, 1, 0)	17
219	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 1, 0)	18
225	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 2, 0)	18
239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 0)	18
427	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 0)	18
439	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 0)	18
443	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 0)	18
451	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 0)	18
479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 0)	18
855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 1, 0)	18
877	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 0)	18
887	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 0)	18
901	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 0)	18
907	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 1, 3, 2, 1, 0)	18
957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 3, 0)	18
1709	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 0)	18
1721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 0)	18
1723	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 0)	18
1727	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 0)	18
1739	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 0)	18
1753	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 0)	18
1757	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 0)	18
1769	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 0)	18

1771	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 0)	18
1773	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 3, 0)	18
1805	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 0)	18
1809	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 2, 0)	18
1815	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 1, 0)	18
1917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 3, 0)	18
1929	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 2, 0)	18
3417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 2, 0)	18
3421	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 0)	18
3425	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 0)	18
3443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 0)	18
3447	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 1, 0)	18
3451	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 0)	18
3455	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 0)	18
3479	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 0)	18
3481	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 2, 0)	18
3495	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 1, 0)	18
3505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 0)	18
3507	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 1, 0)	18
3509	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 0)	18
3513	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 2, 0)	18
3527	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 0)	18
3529	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 0)	18
3539	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 0)	18
3543	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 1, 0)	18
3545	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 0)	18
3547	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 0)	18
3549	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 3, 0)	18
3553	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 0)	18
3605	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 0)	18
3619	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 0)	18

3627	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 1, 0)	18
3629	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 0)	18
3829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 0)	18
3833	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 0)	18
3859	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 0)	18
4217	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 0)	18
4225	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 0)	18
4235	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 0)	18
6833	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 0)	18
6835	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 1, 0)	18
6837	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 5, 0)	18
6841	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 0)	18
6849	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 2, 2, 0)	18
6851	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 0)	18
6857	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 0)	18
6885	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 4, 0)	18
6893	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 0)	18
6903	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 3, 1, 1, 0)	18
6909	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 3, 0)	18
6957	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 3, 0)	18
6961	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 0)	18
6963	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 3, 1, 0)	18
6969	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 2, 0)	18
6971	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 0)	18
6991	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 1, 0)	18
7011	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 6, 1, 0)	18
7013	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 0)	18
7025	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 2, 0)	18
7027	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 1, 0)	18
7029	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 5, 0)	18
7041	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 2, 2, 0)	18

7051	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 0)	18
7055	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 0)	18
7057	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 0)	18
7059	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 3, 1, 0)	18
7067	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 0)	18
7071	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 1, 2, 1, 1, 1, 1, 0)	18
7077	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 4, 0)	18
7083	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 2, 2, 1, 0)	18
7085	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 0)	18
7087	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 0)	18
7089	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 4, 2, 0)	18
7091	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 0)	18
7093	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 0)	18
7095	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 3, 1, 1, 0)	18
7097	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 1, 2, 0)	18
7099	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 1, 0)	18
7105	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 2, 0)	18
7107	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 4, 1, 0)	18
7115	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 1, 0)	18
7163	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 0)	18
7221	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 5, 0)	18
7237	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 0)	18
7243	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 2, 1, 0)	18
7255	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 1, 0)	18
7261	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 3, 0)	18
7393	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 0)	18
7407	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	18
7599	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 4, 2, 1, 1, 1, 0)	18
7615	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	18
7665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 5, 2, 0)	18
7667	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 0)	18

7669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 0)	18
7673	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 2, 0)	18
7687	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 1, 0)	18
7689	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 1, 2, 0)	18
7717	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 0)	18
7833	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 1, 2, 0)	18
7835	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 0)	18
8435	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 0)	18
8441	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 0)	18
8449	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 2, 0)	18
8451	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 4, 1, 0)	18
8457	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 1, 2, 0)	18
8471	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 0)	18
8473	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 0)	18
13667	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 0)	18
13669	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 4, 0)	18
13681	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 6, 2, 0)	18
13683	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 3, 1, 0)	18
13685	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 5, 0)	18
13699	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 0)	18
13701	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 4, 0)	18
13703	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 0)	18
13707	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 3, 2, 1, 0)	18
13713	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 3, 2, 0)	18
13715	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 0)	18
13723	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 3, 1, 1, 1, 2, 1, 0)	18
13729	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 0)	18
13769	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 0)	18
13771	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 4, 2, 1, 0)	18
13773	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 3, 0)	18
13777	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 3, 2, 0)	18

13785	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 6, 1, 2, 0)	18
13787	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 0)	18
13789	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 3, 0)	18
13805	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 3, 0)	18
13821	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 3, 0)	18
13915	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 3, 1, 2, 1, 1, 2, 1, 0)	18
13917	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 3, 0)	18
13923	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 6, 1, 0)	18
13925	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 0)	18
13939	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 3, 1, 0)	18
13943	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 3, 1, 1, 0)	18
13947	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 5, 2, 1, 2, 1, 0)	18
13981	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 0)	18
13985	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 0)	18
14015	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 0)	18
14021	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 4, 0)	18
14029	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 0)	18
14037	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 7, 0)	18
14051	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 8, 1, 0)	18
14053	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 0)	18
14065	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 5, 2, 0)	18
14081	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 2, 2, 0)	18
14083	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 4, 1, 0)	18
14087	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 0)	18
14091	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 3, 2, 1, 0)	18
14103	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 5, 1, 1, 0)	18
14105	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 2, 0)	18
14109	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 3, 0)	18
14115	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 5, 1, 0)	18
14117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 4, 0)	18
14123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 0)	18

14127	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 4, 4, 2, 2, 1, 1, 1, 0)	18
14135	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 3, 1, 1, 0)	18
14143	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 0)	18
14157	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 3, 0)	18
14161	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 0)	18
14167	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 4, 1, 1, 0)	18
14169	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 4, 1, 2, 0)	18
14173	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 3, 0)	18
14175	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 8, 1, 1, 1, 1, 0)	18
14179	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 6, 1, 0)	18
14181	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 4, 0)	18
14185	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 0)	18
14189	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 3, 0)	18
14193	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 6, 2, 0)	18
14195	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 0)	18
14197	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 0)	18
14199	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 3, 1, 1, 0)	18
14203	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 2, 2, 1, 2, 1, 0)	18
14211	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 4, 1, 0)	18
14213	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 0)	18
14215	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 0)	18
14217	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 2, 1, 1, 2, 0)	18
14231	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 0)	18
14233	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 2, 0)	18
14241	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 1, 2, 2, 0)	18
14299	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 4, 1, 1, 2, 1, 0)	18
14327	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 0)	18
14421	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 8, 0)	18
14449	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 8, 2, 0)	18
14477	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 3, 0)	18
14487	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 9, 1, 1, 0)	18

14509	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 3, 0)	18
14517	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 5, 0)	18
14537	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 1, 2, 0)	18
14567	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 3, 2, 1, 1, 2, 1, 1, 0)	18
14569	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 3, 2, 1, 1, 1, 2, 0)	18
14571	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 1, 2, 2, 1, 0)	18
14631	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 3, 1, 2, 1, 1, 0)	18
14633	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 0)	18
14785	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 2, 0)	18
14787	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 4, 1, 0)	18
14791	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 0)	18
14793	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 4, 1, 1, 2, 0)	18
14815	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	18
15199	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 6, 1, 1, 1, 1, 0)	18
15209	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 2, 0)	18
15231	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	18
15317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 0)	18
15331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 7, 1, 0)	18
15333	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 4, 0)	18
15345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 5, 2, 0)	18
15347	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 0)	18
15375	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 5, 1, 1, 1, 0)	18
15379	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 3, 1, 0)	18
15393	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 1, 2, 2, 0)	18
15407	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 0)	18
15437	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 0)	18
15441	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 1, 3, 2, 0)	18
15449	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 4, 1, 2, 0)	18
15451	(4, 5, 1, 1, 5, 3, 3, 2, 1, 7, 1, 1, 2, 1, 1, 2, 1, 0)	18
15487	(4, 5, 1, 1, 9, 4, 1, 5, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	18
15547	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 0)	18

15665	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 4, 2, 0)	18
15667	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 3, 1, 0)	18
15671	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 3, 1, 1, 0)	18
15847	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 4, 3, 1, 1, 2, 1, 1, 0)	18
15849	(4, 5, 7, 1, 2, 1, 6, 1, 1, 3, 2, 1, 2, 1, 1, 1, 2, 0)	18
15851	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 0)	18
15945	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 3, 1, 1, 2, 0)	18
16859	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 2, 1, 0)	18
16869	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 4, 0)	18
16871	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 3, 1, 1, 2, 1, 1, 0)	18
16873	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 1, 2, 0)	18
16875	(8, 2, 3, 2, 5, 3, 3, 3, 1, 2, 1, 1, 1, 1, 2, 2, 1, 0)	18
16883	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 3, 1, 0)	18
16889	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 1, 2, 0)	18
16899	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 4, 1, 0)	18
16901	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 0)	18
16905	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 6, 2, 1, 1, 2, 0)	18
16907	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 3, 2, 1, 0)	18
16915	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 1, 0)	18
16941	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 3, 0)	18
16943	(10, 1, 1, 6, 1, 5, 3, 2, 1, 2, 1, 1, 2, 2, 1, 1, 1, 0)	18
16945	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 4, 2, 0)	18
16947	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 3, 1, 0)	18
16953	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 2, 1, 2, 0)	18
159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	19
295	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 0)	19
319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	19
569	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 0)	19
585	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 2, 0)	19
591	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 1, 0)	19
601	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 0)	19

637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 0)	19
1139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 0)	19
1147	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 0)	19
1151	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 0)	19
1159	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 0)	19
1169	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 0)	19
1171	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 0)	19
1179	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 1, 0)	19
1181	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 0)	19
1201	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 0)	19
1203	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 4, 3, 1, 0)	19
1209	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 1, 3, 2, 1, 2, 0)	19
1277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 0)	19
2277	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 4, 0)	19
2283	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 1, 0)	19
2295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 1, 0)	19
2297	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 0)	19
2303	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 0)	19
2319	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 1, 0)	19
2337	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 2, 0)	19
2339	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 0)	19
2341	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 0)	19
2351	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 0)	19
2359	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 0)	19
2361	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 2, 0)	19
2363	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 0)	19
2365	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 0)	19
2403	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 1, 0)	19
2405	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 4, 1, 4, 0)	19
2419	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 0)	19
2549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 0)	19

2555	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 0)	19
2811	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 1, 0)	19
2823	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 1, 0)	19
4555	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 0)	19
4557	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 3, 0)	19
4561	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 2, 0)	19
4567	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 0)	19
4571	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 0)	19
4589	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 0)	19
4595	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 0)	19
4601	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 0)	19
4605	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 3, 0)	19
4637	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 0)	19
4641	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 2, 2, 0)	19
4647	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 1, 0)	19
4673	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 0)	19
4675	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 0)	19
4677	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 4, 0)	19
4683	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 2, 1, 0)	19
4685	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 3, 0)	19
4703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 0)	19
4705	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 2, 0)	19
4711	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 0)	19
4717	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 0)	19
4723	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 1, 0)	19
4725	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 5, 0)	19
4727	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 0)	19
4729	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 0)	19
4731	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 1, 2, 1, 0)	19
4737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 2, 0)	19
4743	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 1, 1, 0)	19

4775	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 0)	19
4805	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 0)	19
4813	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 3, 0)	19
4825	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 0)	19
4837	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 0)	19
5105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 0)	19
5109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 5, 0)	19
5111	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 0)	19
5115	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 2, 1, 0)	19
5145	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 2, 0)	19
5223	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 1, 0)	19
5623	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 1, 0)	19
5627	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 0)	19
5633	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 0)	19
5647	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 1, 0)	19
9109	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 0)	19
9111	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 1, 0)	19
9113	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 1, 2, 0)	19
9121	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 2, 0)	19
9123	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 5, 1, 0)	19
9133	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 3, 0)	19
9135	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 1, 0)	19
9143	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 0)	19
9179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 0)	19
9181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 0)	19
9189	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 4, 0)	19
9191	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 0)	19
9203	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 3, 1, 0)	19
9213	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 3, 0)	19
9277	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 0)	19
9281	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 0)	19

9283	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 0)	19
9295	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 3, 1, 1, 1, 0)	19
9321	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 1, 2, 0)	19
9323	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 0)	19
9343	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 1, 0)	19
9347	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 4, 1, 0)	19
9349	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 4, 0)	19
9357	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 3, 0)	19
9365	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 6, 0)	19
9367	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 8, 1, 1, 0)	19
9369	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 1, 2, 0)	19
9387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 2, 2, 1, 0)	19
9391	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 0)	19
9401	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 0)	19
9403	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 2, 1, 0)	19
9405	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 3, 0)	19
9409	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 0)	19
9411	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 4, 1, 0)	19
9415	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 1, 0)	19
9423	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 3, 1, 1, 1, 0)	19
9437	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 3, 0)	19
9445	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 0)	19
9449	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 0)	19
9453	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 3, 0)	19
9457	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 2, 0)	19
9459	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 3, 1, 0)	19
9461	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 0)	19
9463	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 0)	19
9465	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 1, 2, 0)	19
9473	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 2, 2, 0)	19
9475	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 1, 0)	19

9487	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 0)	19
9551	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 0)	19
9613	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 3, 0)	19
9621	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 6, 0)	19
9649	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 0)	19
9651	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 3, 1, 0)	19
9657	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 2, 1, 2, 0)	19
9673	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 1, 2, 0)	19
9677	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 0)	19
9681	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 3, 2, 0)	19
9691	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 1, 2, 1, 0)	19
9711	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 3, 2, 1, 1, 2, 1, 1, 1, 0)	19
9755	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 0)	19
9857	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 0)	19
10139	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 2, 1, 0)	19
10153	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	19
10197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 7, 0)	19
10211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 1, 0)	19
10221	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 3, 0)	19
10225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 2, 0)	19
10231	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 1, 0)	19
10249	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 1, 2, 0)	19
10271	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 0)	19
10289	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 0)	19
10291	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 1, 0)	19
10299	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 4, 1, 2, 1, 0)	19
10443	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 4, 2, 1, 0)	19
10447	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 3, 1, 1, 1, 0)	19
10567	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	19
11239	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 2, 1, 1, 0)	19
11245	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 3, 0)	19

11247	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 3, 1, 1, 2, 1, 1, 1, 0)	19
11255	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 3, 1, 1, 0)	19
11259	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 1, 2, 1, 0)	19
11265	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 2, 2, 0)	19
11267	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 0)	19
11271	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 3, 2, 1, 1, 0)	19
11293	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 3, 0)	19
11295	(10, 1, 1, 6, 1, 5, 3, 2, 1, 2, 1, 1, 2, 2, 1, 1, 1, 1, 0)	19
11297	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 2, 0)	19
18221	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 3, 0)	19
18225	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 4, 2, 0)	19
18227	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 3, 1, 0)	19
18229	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 5, 0)	19
18235	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 5, 1, 2, 1, 0)	19
18241	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 6, 2, 2, 0)	19
18243	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 4, 1, 0)	19
18245	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 0)	19
18251	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 0)	19
18265	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 2, 0)	19
18269	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 0)	19
18271	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 10, 1, 1, 1, 1, 0)	19
18285	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 3, 0)	19
18297	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 3, 1, 1, 1, 2, 1, 2, 0)	19
18305	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 0)	19
18357	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 5, 0)	19
18359	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 0)	19
18361	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 4, 2, 1, 2, 0)	19
18363	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 4, 3, 1, 2, 1, 0)	19
18369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 3, 2, 2, 0)	19
18375	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 5, 1, 2, 2, 2, 1, 1, 0)	19
18379	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 4, 4, 2, 1, 0)	19

18381	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 3, 0)	19
18383	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 3, 1, 1, 1, 0)	19
18385	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 3, 2, 0)	19
18405	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 4, 0)	19
18421	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 5, 0)	19
18463	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 0)	19
18549	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 5, 0)	19
18553	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 3, 1, 2, 1, 1, 2, 1, 2, 0)	19
18563	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 4, 1, 0)	19
18565	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 2, 4, 0)	19
18585	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 3, 1, 2, 0)	19
18587	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 0)	19
18589	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 0)	19
18641	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 0)	19
18643	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 0)	19
18647	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 0)	19
18687	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 4, 1, 1, 1, 1, 1, 1, 1, 0)	19
18693	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 4, 0)	19
18701	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 0)	19
18705	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 2, 0)	19
18709	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 6, 0)	19
18733	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 2, 3, 0)	19
18737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 0)	19
18739	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 3, 1, 0)	19
18741	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 5, 0)	19
18753	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 5, 2, 2, 0)	19
18775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 4, 1, 1, 0)	19
18777	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 4, 1, 2, 0)	19
18779	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 4, 2, 1, 1, 2, 1, 0)	19
18783	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 5, 1, 1, 1, 1, 0)	19
18803	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 3, 1, 0)	19

18807	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 3, 1, 1, 0)	19
18813	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 3, 0)	19
18819	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 4, 1, 0)	19
18821	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 4, 0)	19
18823	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 6, 2, 1, 1, 0)	19
18831	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 4, 1, 1, 1, 0)	19
18845	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 0)	19
18857	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 0)	19
18869	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 5, 0)	19
18881	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 2, 0)	19
18889	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 4, 1, 1, 2, 0)	19
18891	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 2, 4, 2, 1, 0)	19
18893	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 0)	19
18897	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 3, 2, 0)	19
18899	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 0)	19
18901	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 7, 0)	19
18905	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 6, 1, 2, 0)	19
18907	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 5, 1, 1, 2, 1, 0)	19
18909	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 3, 0)	19
18913	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 0)	19
18915	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 7, 1, 0)	19
18917	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 0)	19
18923	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 2, 2, 1, 0)	19
18925	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 1, 2, 3, 0)	19
18929	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 2, 0)	19
18931	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 1, 0)	19
18937	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 2, 2, 1, 2, 1, 2, 0)	19
18947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 0)	19
18949	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 0)	19
18951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 2, 3, 2, 1, 1, 0)	19
18953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 0)	19

18955	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 3, 3, 2, 1, 0)	19
18973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 1, 3, 0)	19
18977	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 2, 2, 0)	19
19015	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 4, 1, 2, 2, 1, 1, 0)	19
19065	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 4, 1, 1, 2, 1, 2, 0)	19
19101	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 3, 0)	19
19221	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 6, 0)	19
19253	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 0)	19
19265	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 8, 2, 2, 0)	19
19299	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 6, 1, 0)	19
19301	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 4, 0)	19
19315	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 2, 3, 1, 0)	19
19345	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 3, 2, 0)	19
19347	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 3, 1, 0)	19
19349	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 0)	19
19363	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 5, 1, 0)	19
19371	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 1, 2, 2, 2, 1, 0)	19
19383	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 3, 1, 1, 0)	19
19419	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 1, 2, 1, 0)	19
19423	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 3, 2, 1, 3, 1, 1, 1, 1, 0)	19
19425	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 3, 2, 1, 1, 1, 2, 2, 0)	19
19511	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 0)	19
19713	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 2, 2, 0)	19
19715	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 4, 1, 0)	19
19721	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 2, 0)	19
19723	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 0)	19
19753	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 2, 0)	19
379	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 0)	20
393	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 2, 0)	20
425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 0)	20
759	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 1, 0)	20

767	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	20
779	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 0)	20
787	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 0)	20
801	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 2, 0)	20
849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 2, 0)	20
851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 0)	20
1517	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 0)	20
1529	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 0)	20
1531	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 0)	20
1535	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 0)	20
1545	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 2, 0)	20
1559	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 0)	20
1561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 0)	20
1567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 0)	20
1573	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 0)	20
1575	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 1, 0)	20
1601	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 0)	20
1603	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 0)	20
1699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 0)	20
1701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 4, 0)	20
1703	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 0)	20
3037	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 0)	20
3047	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 0)	20
3059	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 0)	20
3063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 1, 0)	20
3067	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 0)	20
3069	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 3, 0)	20
3091	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 0)	20
3115	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 0)	20
3117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 3, 0)	20
3121	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 0)	20

3123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 3, 1, 0)	20
3135	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 1, 0)	20
3145	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 0)	20
3149	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 0)	20
3151	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 0)	20
3153	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 2, 0)	20
3183	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 1, 0)	20
3203	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 0)	20
3205	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 0)	20
3225	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 0)	20
3397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 0)	20
3403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 0)	20
3405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 3, 0)	20
3407	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 0)	20
3751	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 1, 0)	20
3755	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 0)	20
6069	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 5, 0)	20
6073	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 2, 0)	20
6075	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 1, 2, 1, 0)	20
6081	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 2, 2, 0)	20
6089	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 2, 0)	20
6095	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 0)	20
6117	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 4, 0)	20
6119	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 0)	20
6125	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 3, 0)	20
6127	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 1, 0)	20
6135	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 3, 1, 1, 0)	20
6141	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 3, 0)	20
6181	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 4, 0)	20
6187	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 1, 0)	20
6215	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 0)	20

6231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 4, 1, 1, 0)	20
6233	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 2, 0)	20
6237	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 3, 0)	20
6243	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 6, 1, 0)	20
6245	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 0)	20
6267	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 1, 0)	20
6269	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 0)	20
6273	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 2, 2, 0)	20
6281	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 0)	20
6289	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 2, 0)	20
6291	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 3, 1, 0)	20
6293	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 0)	20
6297	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 1, 2, 0)	20
6299	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 0)	20
6301	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 0)	20
6305	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 2, 0)	20
6307	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 1, 0)	20
6315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 2, 2, 1, 0)	20
6367	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 0)	20
6405	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 4, 0)	20
6413	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 0)	20
6417	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 3, 2, 0)	20
6433	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 2, 0)	20
6449	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 0)	20
6451	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 1, 0)	20
6503	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 1, 0)	20
6571	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 0)	20
6759	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 2, 1, 1, 0)	20
6797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 0)	20
6805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 0)	20
6807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 1, 1, 0)	20

6813	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 3, 0)	20
6847	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 1, 0)	20
6859	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 1, 0)	20
7497	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 1, 2, 0)	20
7503	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 3, 1, 1, 1, 0)	20
7511	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 1, 0)	20
7529	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 1, 2, 0)	20
7531	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 2, 1, 0)	20
12145	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 0)	20
12147	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 3, 1, 0)	20
12149	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 0)	20
12151	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 3, 1, 1, 0)	20
12161	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 2, 2, 0)	20
12163	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 0)	20
12167	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 0)	20
12177	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 3, 2, 0)	20
12179	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 1, 0)	20
12189	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 3, 0)	20
12203	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 0)	20
12237	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 3, 0)	20
12239	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 0)	20
12241	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 0)	20
12253	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 0)	20
12255	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 3, 1, 1, 1, 1, 0)	20
12269	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 0)	20
12277	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 5, 0)	20
12365	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 0)	20
12369	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 2, 0)	20
12375	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 4, 1, 1, 0)	20
12377	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 2, 0)	20
12391	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 1, 0)	20

12393	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 3, 1, 1, 1, 2, 0)	20
12427	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 1, 0)	20
12431	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 0)	20
12457	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 1, 2, 0)	20
12461	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 3, 0)	20
12465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 4, 2, 0)	20
12467	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 0)	20
12469	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 0)	20
12485	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 0)	20
12489	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 8, 1, 1, 2, 0)	20
12491	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 0)	20
12493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 3, 3, 0)	20
12519	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 4, 2, 1, 1, 2, 1, 1, 0)	20
12521	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 0)	20
12535	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 3, 1, 1, 0)	20
12537	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 0)	20
12541	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 0)	20
12545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 0)	20
12547	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 4, 1, 0)	20
12553	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 1, 2, 0)	20
12563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 0)	20
12571	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 0)	20
12579	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 5, 1, 0)	20
12581	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 0)	20
12587	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 2, 1, 0)	20
12593	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 2, 0)	20
12595	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 0)	20
12597	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 5, 0)	20
12599	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 0)	20
12603	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 6, 1, 2, 1, 0)	20
12605	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 3, 0)	20

12609	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 2, 2, 0)	20
12611	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 0)	20
12613	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 4, 0)	20
12615	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 2, 2, 1, 1, 0)	20
12617	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 2, 0)	20
12619	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 2, 1, 0)	20
12631	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 0)	20
12633	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 1, 2, 0)	20
12635	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 0)	20
12649	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 0)	20
12651	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 2, 2, 1, 0)	20
12733	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 3, 0)	20
12813	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 3, 0)	20
12817	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 3, 2, 0)	20
12821	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 6, 0)	20
12835	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 0)	20
12843	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 8, 2, 2, 1, 0)	20
12865	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 0)	20
12867	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 4, 1, 0)	20
12897	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 1, 2, 2, 0)	20
12899	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 0)	20
12901	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 4, 0)	20
12921	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 1, 2, 1, 2, 0)	20
13007	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 0)	20
13143	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 4, 1, 1, 0)	20
13147	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 2, 1, 0)	20
13519	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 3, 1, 1, 1, 0)	20
13537	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 0)	20
13589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 6, 0)	20
13613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 3, 0)	20
13621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 0)	20

13627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 7, 1, 2, 1, 0)	20
13629	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 3, 0)	20
13633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 2, 2, 0)	20
13641	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 1, 2, 0)	20
13665	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 1, 2, 2, 0)	20
13679	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 0)	20
13695	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 4, 1, 1, 1, 1, 1, 1, 0)	20
13719	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 6, 1, 1, 0)	20
13721	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 1, 2, 0)	20
13735	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 3, 2, 1, 2, 1, 1, 0)	20
13799	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 0)	20
13807	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 0)	20
13819	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 0)	20
13927	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 0)	20
13929	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 3, 1, 1, 1, 2, 0)	20
14089	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 0)	20
14985	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 2, 1, 1, 2, 0)	20
14993	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 3, 2, 0)	20
14995	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 3, 1, 0)	20
15005	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 0)	20
15021	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 3, 0)	20
15023	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 0)	20
15035	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 1, 2, 1, 0)	20
15057	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 3, 2, 0)	20
15059	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 0)	20
15063	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 4, 1, 1, 0)	20
283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 0)	21
505	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 0)	21
511	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	21
519	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 1, 0)	21
567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 1, 0)	21

1011	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 1, 0)	21
1019	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 0)	21
1023	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	21
1039	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 0)	21
1049	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 0)	21
1067	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 0)	21
1133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 0)	21
1135	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 0)	21
2021	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 0)	21
2031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 1, 0)	21
2039	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 0)	21
2041	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 0)	21
2045	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 0)	21
2077	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 0)	21
2081	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 0)	21
2089	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 0)	21
2097	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 2, 0)	21
2099	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 0)	21
2135	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 0)	21
2137	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 0)	21
2265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 2, 0)	21
2269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 0)	21
2271	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 1, 0)	21
2503	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 0)	21
4045	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 0)	21
4049	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 0)	21
4059	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 2, 1, 0)	21
4063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 0)	21
4077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 3, 0)	21
4079	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 0)	21
4083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 3, 1, 0)	21

4089	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 2, 0)	21
4093	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 0)	21
4121	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 0)	21
4143	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 1, 0)	21
4153	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 0)	21
4155	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 2, 1, 0)	21
4157	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 0)	21
4161	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 2, 0)	21
4163	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 0)	21
4179	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 1, 0)	21
4187	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 0)	21
4193	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 0)	21
4195	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 0)	21
4197	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 4, 0)	21
4199	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 0)	21
4201	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 2, 0)	21
4203	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 2, 1, 0)	21
4269	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 3, 0)	21
4273	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 2, 0)	21
4275	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 1, 0)	21
4299	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 1, 0)	21
4335	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 1, 1, 0)	21
4529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 0)	21
4531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 0)	21
4533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 5, 0)	21
4537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 0)	21
4541	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 0)	21
5001	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 1, 2, 0)	21
5007	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 1, 1, 0)	21
5019	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 1, 2, 1, 0)	21
8085	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 6, 0)	21

8097	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 2, 2, 0)	21
8099	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 0)	21
8107	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 2, 2, 1, 0)	21
8111	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 0)	21
8119	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 1, 1, 0)	21
8125	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 3, 0)	21
8135	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 0)	21
8157	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 3, 0)	21
8159	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 1, 0)	21
8165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 0)	21
8169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 1, 2, 0)	21
8179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 1, 0)	21
8181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 5, 0)	21
8241	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 4, 2, 0)	21
8243	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 0)	21
8249	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 1, 2, 0)	21
8251	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 2, 1, 0)	21
8287	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 1, 0)	21
8307	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 3, 1, 0)	21
8309	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 0)	21
8311	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 0)	21
8323	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 1, 0)	21
8325	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 4, 0)	21
8327	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 0)	21
8347	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 1, 0)	21
8357	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 0)	21
8363	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 0)	21
8375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 0)	21
8385	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 2, 2, 0)	21
8387	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 0)	21
8389	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 4, 0)	21

8391	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 2, 1, 1, 0)	21
8395	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 2, 1, 0)	21
8397	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 3, 0)	21
8399	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 0)	21
8401	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 2, 0)	21
8403	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 3, 1, 0)	21
8407	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 0)	21
8409	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 1, 2, 0)	21
8411	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 2, 1, 0)	21
8423	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 0)	21
8489	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 0)	21
8541	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 3, 0)	21
8547	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 6, 1, 0)	21
8549	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 0)	21
8577	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 2, 2, 0)	21
8599	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 0)	21
8601	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 1, 2, 0)	21
8671	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 1, 0)	21
8761	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 0)	21
9059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 6, 1, 0)	21
9061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 4, 0)	21
9073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 0)	21
9075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 3, 1, 0)	21
9077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 0)	21
9085	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 0)	21
9119	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 0)	21
9129	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 1, 2, 0)	21
9145	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 1, 2, 0)	21
9147	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 1, 2, 1, 0)	21
9199	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 1, 0)	21
9995	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 3, 2, 1, 0)	21

10003	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 0)	21
10013	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 3, 0)	21
10015	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 1, 0)	21
10023	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 1, 2, 1, 1, 0)	21
10039	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 0)	21
10041	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 2, 1, 2, 0)	21
16181	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 0)	21
16193	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 0)	21
16195	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 0)	21
16197	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 4, 0)	21
16201	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 3, 1, 1, 2, 0)	21
16203	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 5, 2, 1, 0)	21
16215	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 4, 1, 1, 0)	21
16217	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 0)	21
16223	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 7, 1, 1, 1, 1, 0)	21
16235	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 2, 2, 1, 0)	21
16237	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 2, 3, 0)	21
16253	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 3, 0)	21
16271	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 0)	21
16309	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 0)	21
16317	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 3, 0)	21
16321	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 2, 0)	21
16333	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 3, 3, 0)	21
16337	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 0)	21
16339	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 3, 1, 0)	21
16357	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 0)	21
16369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 5, 2, 0)	21
16373	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 5, 0)	21
16411	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 2, 1, 0)	21
16483	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 0)	21
16485	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 4, 0)	21

16491	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 3, 1, 2, 1, 1, 2, 1, 2, 2, 1, 0)	21
16499	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 0)	21
16503	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 3, 1, 1, 0)	21
16519	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 0)	21
16521	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 1, 2, 0)	21
16523	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 0)	21
16569	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 1, 2, 0)	21
16571	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 0)	21
16573	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 3, 0)	21
16575	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 4, 4, 2, 1, 1, 1, 1, 1, 0)	21
16609	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 1, 2, 2, 0)	21
16613	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 4, 0)	21
16621	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 2, 3, 0)	21
16625	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 0)	21
16629	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 5, 0)	21
16645	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 0)	21
16651	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 2, 3, 2, 1, 0)	21
16653	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 3, 0)	21
16655	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 6, 1, 1, 1, 0)	21
16657	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 3, 3, 2, 0)	21
16695	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 3, 1, 1, 0)	21
16713	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 3, 1, 1, 2, 0)	21
16717	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 3, 0)	21
16721	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 2, 0)	21
16727	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 4, 1, 1, 0)	21
16729	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 4, 1, 2, 0)	21
16731	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 6, 2, 1, 1, 2, 1, 0)	21
16737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 1, 2, 2, 0)	21
16743	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 4, 4, 4, 1, 1, 1, 1, 2, 1, 1, 0)	21
16749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 3, 0)	21
16751	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 5, 1, 2, 1, 1, 1, 0)	21

16761	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 2, 0)	21
16771	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 4, 1, 0)	21
16773	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 4, 0)	21
16775	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 0)	21
16781	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 3, 0)	21
16783	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 4, 1, 1, 1, 0)	21
16789	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 6, 0)	21
16791	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 6, 1, 1, 0)	21
16793	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 0)	21
16797	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 3, 0)	21
16803	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 5, 1, 0)	21
16805	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 0)	21
16807	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 0)	21
16811	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 0)	21
16813	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 2, 3, 0)	21
16815	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 3, 4, 2, 1, 1, 1, 0)	21
16817	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 4, 2, 0)	21
16819	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 3, 1, 0)	21
16823	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 0)	21
16825	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 2, 1, 2, 0)	21
16827	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 1, 2, 1, 0)	21
16839	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 7, 2, 2, 2, 2, 1, 1, 0)	21
16841	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 0)	21
16843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 0)	21
16847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 0)	21
16865	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 0)	21
16977	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 3, 2, 0)	21
16979	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 3, 1, 0)	21
17077	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 5, 0)	21
17089	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 2, 6, 3, 2, 2, 0)	21
17093	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 4, 0)	21

17101	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 0)	21
17113	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 0)	21
17153	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 2, 0)	21
17155	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 4, 1, 0)	21
17195	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 3, 2, 2, 1, 0)	21
17197	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 0)	21
17199	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 7, 3, 2, 2, 1, 1, 1, 0)	21
17201	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 4, 2, 0)	21
17203	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 3, 1, 0)	21
17211	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 5, 1, 2, 1, 0)	21
17263	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 0)	21
17341	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 1, 3, 0)	21
17523	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 3, 1, 0)	21
17529	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 2, 1, 2, 0)	21
17531	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 2, 1, 0)	21
17535	(4, 3, 2, 1, 7, 4, 1, 1, 6, 2, 1, 4, 2, 2, 1, 1, 1, 1, 1, 1, 0)	21
18011	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 3, 1, 2, 1, 1, 2, 1, 0)	21
18025	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 3, 1, 1, 1, 2, 0)	21
18049	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 0)	21
18117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 4, 0)	21
18125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 3, 0)	21
18133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 7, 0)	21
18147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 8, 1, 0)	21
18149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 0)	21
18161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 0)	21
18165	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 5, 0)	21
18169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 7, 1, 2, 1, 2, 0)	21
18177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 2, 2, 2, 0)	21
18187	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 2, 3, 2, 1, 0)	21
18223	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 1, 4, 2, 2, 1, 1, 1, 0)	21
18239	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 3, 1, 1, 1, 1, 1, 0)	21

18259	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 3, 1, 0)	21
18291	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 3, 1, 0)	21
18295	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 3, 1, 1, 0)	21
18313	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 3, 2, 1, 2, 1, 1, 2, 0)	21
18399	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 3, 1, 1, 1, 1, 0)	21
18409	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 2, 0)	21
18415	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 0)	21
18425	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 2, 0)	21
18567	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 1, 4, 2, 1, 1, 0)	21
18569	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 0)	21
18571	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 3, 2, 1, 0)	21
18785	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 0)	21
19991	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 0)	21
19993	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 3, 1, 2, 0)	21
19995	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 3, 1, 3, 1, 1, 1, 1, 2, 1, 0)	21
19999	(8, 2, 3, 2, 5, 1, 6, 1, 3, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 0)	21
377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 0)	22
673	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 0)	22
679	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 0)	22
681	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	22
699	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 1, 0)	22
711	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 1, 0)	22
755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 0)	22
1347	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 1, 0)	22
1359	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 1, 0)	22
1363	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	22
1385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 0)	22
1387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 0)	22
1399	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 0)	22
1423	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 0)	22
1509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 4, 0)	22

1513	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 0)	22
2693	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 0)	22
2699	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 0)	22
2717	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 0)	22
2719	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 0)	22
2721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 2, 0)	22
2725	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 0)	22
2747	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 0)	22
2769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 2, 0)	22
2771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 0)	22
2775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 1, 0)	22
2785	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 0)	22
2791	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	22
2795	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 0)	22
2797	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 0)	22
2799	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 1, 0)	22
2845	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 0)	22
2849	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 0)	22
3019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 0)	22
3021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 3, 0)	22
3025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 0)	22
3027	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 1, 0)	22
3337	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 2, 0)	22
5389	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 3, 0)	22
5393	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 0)	22
5399	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 0)	22
5407	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 1, 0)	22
5417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 0)	22
5423	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 1, 0)	22
5437	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 0)	22
5439	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 1, 1, 0)	22

5443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 1, 0)	22
5453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 0)	22
5457	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 2, 0)	22
5495	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 0)	22
5499	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 1, 2, 1, 0)	22
5537	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 0)	22
5539	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 0)	22
5541	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 4, 0)	22
5549	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 0)	22
5551	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 0)	22
5571	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 1, 0)	22
5575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 0)	22
5583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 1, 0)	22
5591	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 0)	22
5593	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 0)	22
5597	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 0)	22
5599	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 0)	22
5601	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 2, 2, 0)	22
5607	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 2, 1, 1, 0)	22
5615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 0)	22
5659	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 1, 0)	22
5693	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 3, 0)	22
5697	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 2, 2, 0)	22
5699	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 0)	22
6037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 0)	22
6039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 6, 1, 1, 0)	22
6041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 0)	22
6049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 0)	22
6051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 1, 0)	22
6053	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 0)	22
6079	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 0)	22

6663	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 3, 2, 1, 1, 0)	22
6675	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 3, 1, 0)	22
10773	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 6, 0)	22
10787	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 0)	22
10795	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 0)	22
10797	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 3, 0)	22
10809	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 2, 2, 1, 2, 0)	22
10811	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 0)	22
10815	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 7, 1, 1, 1, 1, 1, 0)	22
10823	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 2, 2, 1, 1, 0)	22
10825	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 1, 1, 2, 0)	22
10833	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 3, 2, 0)	22
10835	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 3, 1, 0)	22
10847	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 0)	22
10869	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 5, 0)	22
10877	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 3, 0)	22
10885	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 4, 0)	22
10891	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 0)	22
10901	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 0)	22
10905	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 1, 2, 0)	22
10915	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 5, 1, 0)	22
10989	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 3, 0)	22
10999	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 0)	22
11001	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 2, 1, 2, 0)	22
11015	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 0)	22
11047	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 1, 0)	22
11049	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 1, 2, 0)	22
11075	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 4, 1, 0)	22
11077	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 4, 0)	22
11081	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 0)	22
11083	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 0)	22

11085	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 3, 0)	22
11097	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 1, 2, 0)	22
11101	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 0)	22
11103	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 6, 1, 1, 1, 1, 0)	22
11129	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 1, 2, 0)	22
11141	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 0)	22
11147	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 2, 1, 0)	22
11151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 4, 1, 1, 1, 0)	22
11165	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 3, 0)	22
11167	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 5, 1, 2, 1, 1, 1, 1, 0)	22
11181	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 3, 0)	22
11183	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 0)	22
11185	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 4, 2, 0)	22
11187	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 3, 1, 0)	22
11189	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 0)	22
11193	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 2, 1, 2, 0)	22
11195	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 0)	22
11197	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 0)	22
11201	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 2, 2, 0)	22
11203	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 1, 0)	22
11207	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 0)	22
11209	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 2, 0)	22
11211	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 4, 2, 1, 0)	22
11215	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 0)	22
11227	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 0)	22
11231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 0)	22
11243	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 0)	22
11319	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 3, 1, 1, 0)	22
11381	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 5, 0)	22
11395	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 4, 1, 0)	22
11397	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 4, 0)	22

11435	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 2, 1, 0)	22
11463	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 3, 2, 2, 1, 1, 0)	22
11465	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 0)	22
11467	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 4, 2, 1, 0)	22
11561	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 1, 2, 0)	22
11681	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 0)	22
11687	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 2, 1, 1, 0)	22
12007	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 3, 1, 2, 1, 1, 2, 1, 1, 0)	22
12077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 0)	22
12081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 4, 2, 0)	22
12083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 3, 1, 0)	22
12085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 5, 0)	22
12097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 0)	22
12099	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 1, 0)	22
12101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 4, 0)	22
12107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 1, 0)	22
12109	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 0)	22
12113	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 0)	22
12159	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 3, 1, 1, 1, 1, 1, 1, 0)	22
12193	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 1, 2, 2, 0)	22
12265	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 1, 2, 0)	22
12283	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 2, 1, 0)	22
12379	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 0)	22
12523	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 0)	22
13327	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 0)	22
13337	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 0)	22
13343	(8, 2, 5, 1, 1, 6, 4, 3, 1, 2, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	22
13349	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 4, 0)	22
13351	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 1, 0)	22
13353	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 1, 2, 0)	22
13359	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 3, 1, 2, 2, 1, 1, 1, 0)	22

13385	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 0)	22
251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	23
503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 0)	23
897	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 2, 0)	23
905	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 0)	23
923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 0)	23
1005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 3, 0)	23
1795	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 0)	23
1799	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 0)	23
1811	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 0)	23
1817	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 0)	23
1831	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 0)	23
1847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 0)	23
1849	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 0)	23
1863	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 1, 0)	23
1865	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 0)	23
1897	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 0)	23
1899	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 1, 0)	23
2013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 3, 0)	23
2017	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 0)	23
3589	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 4, 0)	23
3595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 0)	23
3599	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 0)	23
3611	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 0)	23
3615	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 1, 1, 0)	23
3621	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 4, 0)	23
3625	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 2, 0)	23
3633	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 2, 0)	23
3635	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 0)	23
3663	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 1, 0)	23
3691	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 0)	23

3693	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 3, 0)	23
3699	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 1, 0)	23
3713	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 0)	23
3721	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 0)	23
3727	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 0)	23
3729	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 2, 0)	23
3731	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 0)	23
3743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 0)	23
3793	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 0)	23
3795	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 3, 1, 0)	23
3799	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 0)	23
4021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 5, 0)	23
4025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 0)	23
4027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 0)	23
4033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 0)	23
4035	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 1, 0)	23
4449	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 2, 2, 0)	23
7181	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 0)	23
7185	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 3, 2, 0)	23
7191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 1, 0)	23
7197	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 3, 0)	23
7207	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 1, 0)	23
7209	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 1, 2, 0)	23
7215	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 2, 2, 1, 1, 1, 0)	23
7223	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 3, 1, 1, 0)	23
7231	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 0)	23
7245	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 3, 0)	23
7249	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 0)	23
7251	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 3, 1, 0)	23
7257	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 1, 2, 0)	23
7267	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 1, 0)	23

7269	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 3, 1, 4, 0)	23
7325	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 0)	23
7343	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 0)	23
7383	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 4, 1, 1, 0)	23
7385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 0)	23
7387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 1, 0)	23
7389	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 3, 0)	23
7397	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 0)	23
7401	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 2, 0)	23
7419	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 1, 2, 1, 0)	23
7427	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 0)	23
7431	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 2, 1, 1, 0)	23
7433	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 0)	23
7443	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 3, 1, 0)	23
7453	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 0)	23
7455	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 1, 0)	23
7457	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 0)	23
7459	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 1, 0)	23
7461	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 4, 0)	23
7463	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 0)	23
7465	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 0)	23
7467	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 2, 2, 1, 0)	23
7471	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 0)	23
7487	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 0)	23
7495	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 0)	23
7545	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 1, 2, 0)	23
7587	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 5, 1, 0)	23
7589	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 0)	23
7597	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 0)	23
7623	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 2, 1, 1, 0)	23
7643	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 0)	23

7707	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 1, 2, 1, 0)	23
7787	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 0)	23
7791	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 2, 1, 1, 1, 0)	23
8049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 2, 0)	23
8051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 1, 0)	23
8053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 5, 0)	23
8055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 3, 1, 1, 0)	23
8065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 2, 0)	23
8067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 4, 1, 0)	23
8069	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 4, 0)	23
8071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 1, 1, 0)	23
8075	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 0)	23
8105	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 2, 0)	23
8891	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 0)	23
8895	(8, 2, 5, 1, 1, 6, 4, 3, 1, 2, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 0)	23
8899	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 4, 1, 0)	23
8923	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 0)	23
14357	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 0)	23
14371	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 5, 1, 0)	23
14381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 0)	23
14393	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 0)	23
14395	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 1, 0)	23
14397	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 3, 0)	23
14407	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 5, 1, 2, 1, 2, 2, 1, 1, 0)	23
14415	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 3, 1, 1, 1, 0)	23
14419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 3, 1, 0)	23
14431	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 0)	23
14433	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 1, 1, 2, 2, 0)	23
14439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 5, 2, 2, 1, 1, 1, 2, 1, 1, 0)	23
14445	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 3, 0)	23
14461	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 1, 3, 0)	23

14485	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 6, 0)	23
14499	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 5, 1, 0)	23
14501	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 0)	23
14507	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 2, 2, 1, 0)	23
14513	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 4, 2, 0)	23
14515	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 3, 1, 0)	23
14521	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 0)	23
14523	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 3, 1, 2, 1, 0)	23
14527	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 5, 2, 1, 1, 1, 1, 1, 0)	23
14533	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 4, 0)	23
14539	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 0)	23
14541	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 3, 0)	23
14553	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 5, 1, 2, 0)	23
14587	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 2, 1, 2, 1, 0)	23
14651	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 0)	23
14653	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 3, 0)	23
14665	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 2, 0)	23
14683	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 0)	23
14687	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 0)	23
14729	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 1, 2, 0)	23
14731	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 3, 2, 1, 0)	23
14763	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 1, 2, 2, 2, 1, 0)	23
14765	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 3, 0)	23
14769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 4, 2, 0)	23
14771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 0)	23
14773	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 5, 0)	23
14775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 3, 1, 1, 0)	23
14777	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 2, 0)	23
14795	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 0)	23
14797	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 3, 0)	23
14801	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 0)	23

14803	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 3, 1, 0)	23
14839	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 3, 1, 1, 0)	23
14853	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 4, 0)	23
14855	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 3, 2, 1, 1, 0)	23
14859	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 3, 2, 1, 0)	23
14863	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 0)	23
14867	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 0)	23
14885	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 4, 0)	23
14889	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 5, 1, 2, 1, 1, 1, 1, 2, 0)	23
14907	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 4, 1, 2, 1, 0)	23
14909	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 3, 0)	23
14911	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 8, 1, 1, 1, 1, 1, 0)	23
14913	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 4, 2, 2, 0)	23
14915	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 4, 1, 0)	23
14917	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 0)	23
14923	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 6, 2, 1, 0)	23
14925	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 3, 0)	23
14927	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 3, 1, 1, 1, 0)	23
14929	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 2, 0)	23
14931	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 3, 1, 0)	23
14935	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 4, 1, 1, 0)	23
14937	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 1, 2, 0)	23
14939	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 2, 1, 0)	23
14943	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 4, 1, 1, 1, 1, 0)	23
14945	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 2, 2, 0)	23
14951	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 0)	23
14953	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 0)	23
14955	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 2, 1, 2, 2, 1, 0)	23
14969	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 2, 0)	23
14971	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 0)	23
14973	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 3, 0)	23

14991	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 4, 1, 1, 1, 0)	23
15091	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 3, 1, 0)	23
15173	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 0)	23
15179	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 5, 2, 1, 0)	23
15181	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 3, 3, 0)	23
15193	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 4, 1, 2, 0)	23
15197	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 3, 0)	23
15211	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 2, 1, 0)	23
15247	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 4, 1, 1, 1, 0)	23
15287	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 3, 1, 1, 0)	23
15289	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 4, 2, 1, 2, 0)	23
15291	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 3, 1, 2, 1, 0)	23
15343	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 3, 1, 1, 2, 1, 1, 1, 0)	23
15415	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 3, 1, 1, 0)	23
15575	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 4, 1, 1, 0)	23
15583	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 3, 1, 1, 1, 1, 0)	23
16009	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 3, 1, 2, 1, 1, 2, 1, 1, 2, 0)	23
16043	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 2, 1, 0)	23
16085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 0)	23
16099	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 8, 1, 0)	23
16101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 4, 0)	23
16109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 0)	23
16113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 5, 2, 0)	23
16129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 0)	23
16131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 4, 1, 0)	23
16133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 4, 0)	23
16135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 1, 3, 2, 1, 1, 0)	23
16141	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 0)	23
16143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 7, 1, 1, 1, 0)	23
16145	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 0)	23
16151	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 5, 1, 1, 0)	23

16167	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 3, 1, 2, 1, 1, 0)	23
16211	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 3, 1, 0)	23
16257	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 1, 2, 2, 2, 0)	23
16353	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 1, 2, 2, 0)	23
16363	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 2, 2, 1, 0)	23
16377	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 2, 1, 2, 0)	23
16505	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 2, 0)	23
16507	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 3, 2, 1, 2, 1, 0)	23
16511	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 3, 2, 4, 2, 1, 1, 1, 1, 1, 1, 0)	23
16697	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 2, 0)	23
16799	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 4, 1, 1, 3, 2, 2, 1, 2, 1, 1, 1, 1, 0)	23
17769	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 2, 0)	23
17771	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 3, 1, 2, 2, 1, 0)	23
17775	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 1, 4, 1, 2, 1, 1, 1, 0)	23
17783	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 0)	23
17791	(8, 2, 5, 1, 1, 6, 4, 3, 1, 2, 1, 2, 1, 1, 1, 4, 1, 1, 1, 1, 1, 1, 0)	23
17797	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 2, 4, 0)	23
17801	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 1, 2, 0)	23
17803	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 1, 3, 2, 1, 0)	23
17819	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 0)	23
17847	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 3, 1, 1, 0)	23
17851	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 2, 3, 1, 2, 1, 0)	23
167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	24
335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 0)	24
603	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 1, 0)	24
615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 1, 0)	24
669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 3, 0)	24
1199	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 0)	24
1207	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 0)	24
1211	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 0)	24
1231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 0)	24

1243	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 0)	24
1341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 3, 0)	24
2393	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 0)	24
2399	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 0)	24
2407	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 0)	24
2413	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 0)	24
2423	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 0)	24
2441	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 0)	24
2461	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 0)	24
2465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 0)	24
2475	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 1, 0)	24
2487	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 1, 0)	24
2495	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 0)	24
2529	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 2, 0)	24
2677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 0)	24
2683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 0)	24
2689	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 0)	24
4785	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 4, 2, 0)	24
4787	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 0)	24
4793	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 0)	24
4797	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 3, 0)	24
4815	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 3, 1, 1, 1, 0)	24
4829	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 0)	24
4833	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 2, 2, 0)	24
4845	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 3, 0)	24
4883	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 0)	24
4895	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 0)	24
4921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 2, 0)	24
4923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 1, 0)	24
4925	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 0)	24
4931	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 0)	24

4951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 0)	24
4955	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 0)	24
4961	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 0)	24
4969	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 0)	24
4971	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 1, 0)	24
4973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 0)	24
4975	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 1, 0)	24
4991	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 0)	24
5057	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 0)	24
5059	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 0)	24
5065	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 0)	24
5095	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 0)	24
5191	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 1, 0)	24
5361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 5, 2, 0)	24
5365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 0)	24
5367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 1, 1, 0)	24
5369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 2, 0)	24
5377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 0)	24
5379	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 4, 1, 0)	24
5383	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 0)	24
5403	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	24
5927	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 0)	24
9571	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 0)	24
9573	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 4, 0)	24
9587	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 0)	24
9595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 0)	24
9597	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 3, 0)	24
9609	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 1, 2, 0)	24
9629	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 0)	24
9641	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 0)	24
9653	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 5, 0)	24

9665	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 0)	24
9667	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 0)	24
9671	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 2, 2, 1, 1, 0)	24
9675	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 4, 2, 1, 0)	24
9689	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 1, 2, 0)	24
9693	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 3, 0)	24
9765	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 4, 0)	24
9767	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 0)	24
9791	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 0)	24
9819	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 1, 2, 1, 0)	24
9843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 3, 1, 0)	24
9845	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 0)	24
9847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 1, 0)	24
9849	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 1, 2, 0)	24
9851	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 2, 1, 0)	24
9861	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 4, 0)	24
9863	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 0)	24
9867	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 1, 0)	24
9901	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 3, 0)	24
9903	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 3, 2, 1, 1, 1, 0)	24
9911	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 0)	24
9923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 4, 1, 0)	24
9937	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 2, 0)	24
9939	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 3, 1, 0)	24
9943	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 4, 1, 1, 0)	24
9945	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 1, 2, 0)	24
9949	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 0)	24
9951	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 3, 1, 1, 1, 1, 0)	24
9953	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 0)	24
9959	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 2, 1, 1, 0)	24
9961	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 2, 0)	24

9963	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 2, 2, 1, 0)	24
9967	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 0)	24
9979	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 2, 1, 0)	24
9981	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 3, 0)	24
9993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 2, 0)	24
10115	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 0)	24
10117	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 4, 0)	24
10119	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 5, 2, 1, 1, 0)	24
10129	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 2, 0)	24
10131	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 3, 1, 0)	24
10191	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 3, 1, 1, 1, 0)	24
10383	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 4, 1, 1, 1, 0)	24
10695	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 0)	24
10709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 0)	24
10723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 1, 0)	24
10733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 3, 0)	24
10737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 5, 2, 0)	24
10739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 0)	24
10753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 2, 2, 0)	24
10755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 4, 1, 0)	24
10757	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 0)	24
10761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 1, 1, 2, 0)	24
10763	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 0)	24
10767	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 5, 1, 1, 1, 0)	24
10807	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 3, 1, 1, 0)	24
11003	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 2, 1, 0)	24
11007	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 3, 2, 4, 2, 1, 1, 1, 1, 1, 1, 1, 0)	24
11131	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 2, 1, 0)	24
11199	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 4, 1, 1, 3, 2, 2, 1, 2, 1, 1, 1, 1, 1, 0)	24
11847	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 3, 1, 2, 2, 1, 1, 0)	24
11855	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 0)	24

11865	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 4, 1, 2, 0)	24
11867	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 1, 2, 1, 0)	24
11879	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 0)	24
11897	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 0)	24
19141	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 4, 4, 0)	24
19149	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 3, 0)	24
19161	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 5, 1, 2, 0)	24
19173	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 4, 0)	24
19189	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 5, 0)	24
19191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 3, 1, 1, 0)	24
19193	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 1, 2, 0)	24
19209	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 5, 1, 2, 1, 2, 2, 1, 1, 2, 0)	24
19219	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 3, 1, 0)	24
19225	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 3, 1, 2, 0)	24
19241	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 0)	24
19243	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 2, 3, 2, 2, 1, 0)	24
19247	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 2, 2, 1, 1, 1, 0)	24
19259	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 1, 2, 1, 0)	24
19261	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 3, 1, 1, 3, 0)	24
19271	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 0)	24
19281	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 1, 3, 2, 0)	24
19283	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 3, 1, 0)	24
19313	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 6, 2, 0)	24
19317	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 5, 0)	24
19331	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 0)	24
19333	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 2, 4, 0)	24
19335	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 5, 2, 1, 1, 0)	24
19339	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 1, 3, 2, 1, 0)	24
19343	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 4, 1, 1, 1, 0)	24
19351	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 6, 1, 1, 0)	24
19353	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 3, 1, 2, 0)	24

19361	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 2, 0)	24
19369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 5, 2, 1, 1, 1, 1, 1, 2, 0)	24
19377	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 4, 2, 0)	24
19379	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 0)	24
19381	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 5, 0)	24
19385	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 0)	24
19387	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 3, 1, 2, 1, 0)	24
19403	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 0)	24
19449	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 2, 1, 2, 1, 2, 0)	24
19533	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 3, 0)	24
19535	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 3, 1, 1, 1, 0)	24
19537	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 3, 2, 0)	24
19553	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 2, 2, 0)	24
19577	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 0)	24
19581	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 3, 0)	24
19639	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 3, 1, 1, 0)	24
19641	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 3, 2, 1, 2, 0)	24
19643	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 3, 1, 2, 1, 0)	24
19685	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 4, 0)	24
19693	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 3, 0)	24
19697	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 5, 2, 0)	24
19699	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 3, 1, 0)	24
19701	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 5, 0)	24
19703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 0)	24
19725	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 3, 0)	24
19727	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 0)	24
19729	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 3, 2, 0)	24
19735	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 5, 1, 1, 0)	24
19737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 3, 1, 2, 0)	24
19743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 7, 2, 1, 1, 1, 1, 0)	24
19783	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 4, 2, 1, 3, 1, 1, 1, 2, 2, 1, 1, 0)	24

19785	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 3, 1, 1, 2, 0)	24
19805	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 3, 0)	24
19807	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 5, 1, 1, 1, 1, 0)	24
19817	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 0)	24
19821	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 3, 0)	24
19845	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 4, 0)	24
19851	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 1, 0)	24
19875	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 5, 1, 0)	24
19877	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 4, 0)	24
19881	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 8, 1, 1, 1, 1, 1, 2, 0)	24
19885	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 0)	24
19889	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 0)	24
19891	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 3, 1, 0)	24
19893	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 5, 0)	24
19897	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 6, 2, 1, 2, 0)	24
19899	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 2, 3, 1, 2, 1, 0)	24
19901	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 0)	24
19905	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 2, 2, 0)	24
19907	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 4, 1, 0)	24
19911	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 7, 2, 2, 2, 1, 1, 0)	24
19913	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 4, 1, 1, 2, 0)	24
19915	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 2, 4, 2, 1, 0)	24
19919	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 0)	24
19923	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 3, 1, 0)	24
19927	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 4, 1, 1, 0)	24
19931	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 6, 1, 1, 2, 1, 0)	24
19935	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 3, 1, 1, 1, 1, 0)	24
19937	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 2, 0)	24
19943	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 0)	24
19959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 3, 1, 1, 0)	24
19961	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 2, 0)	24

19963	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 3, 1, 2, 1, 2, 1, 0)	24
19965	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 3, 0)	24
19987	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 3, 1, 0)	24
111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	25
223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 0)	25
445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 0)	25
799	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 0)	25
807	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 1, 0)	25
893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 0)	25
1595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 0)	25
1599	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 1, 0)	25
1609	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 0)	25
1615	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 0)	25
1627	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 0)	25
1641	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 2, 0)	25
1643	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 0)	25
1657	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 0)	25
1663	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	25
1781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 0)	25
3191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 0)	25
3195	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 1, 0)	25
3197	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 0)	25
3209	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 0)	25
3217	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 0)	25
3219	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 1, 0)	25
3229	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 0)	25
3255	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 1, 0)	25
3263	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 0)	25
3281	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 0)	25
3283	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 0)	25
3287	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 0)	25

3303	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 1, 0)	25
3307	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 0)	25
3315	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 1, 0)	25
3327	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	25
3371	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 0)	25
3569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 0)	25
3573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 5, 0)	25
3577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 0)	25
3579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 2, 1, 0)	25
3585	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 2, 0)	25
3951	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 1, 0)	25
6381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 3, 0)	25
6391	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 1, 0)	25
6397	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 3, 0)	25
6419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 0)	25
6427	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 0)	25
6435	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 5, 1, 0)	25
6437	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 0)	25
6443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 0)	25
6447	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 2, 2, 1, 1, 1, 0)	25
6459	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 1, 2, 1, 0)	25
6461	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 0)	25
6509	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 0)	25
6511	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 1, 0)	25
6527	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 0)	25
6561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 2, 2, 0)	25
6563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 0)	25
6565	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 0)	25
6567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 2, 1, 1, 0)	25
6573	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 3, 0)	25
6575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 1, 0)	25

6601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 0)	25
6607	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 1, 0)	25
6615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 4, 1, 1, 0)	25
6625	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 0)	25
6629	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 4, 0)	25
6633	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 1, 2, 0)	25
6635	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 0)	25
6639	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 2, 1, 1, 1, 0)	25
6653	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 0)	25
6743	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 0)	25
6745	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 0)	25
6753	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 2, 0)	25
6793	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 2, 0)	25
6921	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 1, 2, 0)	25
7125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 7, 0)	25
7139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 0)	25
7153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 2, 0)	25
7155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 3, 1, 0)	25
7159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 1, 0)	25
7169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 2, 0)	25
7171	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 1, 0)	25
7175	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 0)	25
7177	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 0)	25
7335	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 2, 1, 1, 0)	25
7903	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 1, 0)	25
7911	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 1, 2, 1, 1, 0)	25
7919	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 0)	25
7931	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 0)	25
12761	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 0)	25
12765	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 3, 0)	25
12781	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 3, 0)	25

12789	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 5, 0)	25
12793	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 0)	25
12795	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 1, 2, 1, 0)	25
12827	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 1, 0)	25
12831	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 2, 2, 1, 1, 1, 1, 0)	25
12837	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 4, 0)	25
12839	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 1, 2, 1, 1, 0)	25
12847	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 0)	25
12855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 3, 1, 1, 0)	25
12869	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 0)	25
12875	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 6, 2, 1, 0)	25
12877	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 3, 0)	25
12887	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 1, 0)	25
12889	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 0)	25
12895	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 4, 1, 1, 1, 1, 0)	25
12907	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 2, 1, 0)	25
12917	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 0)	25
12919	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 0)	25
12923	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 0)	25
12935	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 0)	25
13021	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 3, 0)	25
13023	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 3, 1, 1, 1, 1, 0)	25
13035	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 2, 2, 1, 0)	25
13051	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 0)	25
13053	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 3, 0)	25
13095	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 3, 1, 2, 1, 1, 0)	25
13123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 4, 1, 0)	25
13125	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 4, 0)	25
13129	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 1, 2, 0)	25
13131	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 5, 2, 1, 0)	25
13133	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 3, 0)	25

13135	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 0)	25
13149	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 3, 0)	25
13151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 0)	25
13201	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 3, 2, 0)	25
13203	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 3, 1, 0)	25
13211	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 0)	25
13213	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 0)	25
13229	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 0)	25
13249	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 2, 2, 0)	25
13251	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 4, 1, 0)	25
13257	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 4, 1, 1, 2, 0)	25
13259	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 0)	25
13261	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 3, 0)	25
13265	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 0)	25
13267	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 1, 0)	25
13271	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 4, 1, 1, 0)	25
13275	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 4, 1, 1, 2, 1, 0)	25
13279	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 0)	25
13281	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 2, 2, 0)	25
13287	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 6, 1, 1, 2, 1, 1, 0)	25
13289	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 0)	25
13291	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 2, 1, 0)	25
13295	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 1, 0)	25
13305	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 2, 1, 2, 0)	25
13307	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 2, 1, 0)	25
13309	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 3, 0)	25
13485	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 3, 0)	25
13489	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 4, 2, 0)	25
13491	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 3, 1, 0)	25
13505	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 2, 2, 0)	25
13507	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 4, 1, 0)	25

13511	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 2, 2, 1, 1, 0)	25
13587	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 3, 1, 0)	25
13639	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 0)	25
13843	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 3, 1, 0)	25
13851	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 3, 1, 1, 1, 1, 2, 1, 0)	25
14277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 4, 0)	25
14293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 0)	25
14297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 1, 2, 0)	25
14307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 7, 1, 0)	25
14309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 0)	25
14317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 2, 3, 0)	25
14337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 2, 2, 2, 0)	25
14339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 0)	25
14341	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 4, 0)	25
14343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 3, 2, 1, 1, 0)	25
14347	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 0)	25
14351	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 5, 1, 1, 1, 0)	25
14355	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 3, 1, 0)	25
14409	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 3, 1, 1, 2, 0)	25
14463	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 3, 2, 2, 2, 3, 2, 1, 1, 1, 1, 1, 1, 0)	25
14671	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 0)	25
14841	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 2, 1, 2, 0)	25
15805	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 0)	25
15819	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 2, 4, 2, 1, 0)	25
15823	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 3, 1, 1, 1, 0)	25
15839	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 0)	25
15863	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 3, 1, 1, 0)	25
15867	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 2, 3, 1, 2, 1, 2, 1, 0)	25
297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 2, 0)	26
593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 0)	26
595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 0)	26

1063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 0)	26
1065	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 2, 0)	26
1095	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 1, 0)	26
1187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 0)	26
1189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 0)	26
2127	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 1, 0)	26
2131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 0)	26
2139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	26
2145	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 2, 0)	26
2153	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 0)	26
2169	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 2, 0)	26
2175	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 1, 0)	26
2187	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 1, 0)	26
2191	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 0)	26
2209	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 0)	26
2217	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	26
2247	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 1, 0)	26
2373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 4, 0)	26
2379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 1, 0)	26
2381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 0)	26
4253	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 0)	26
4261	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 0)	26
4279	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 0)	26
4289	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 2, 0)	26
4291	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 1, 0)	26
4295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 0)	26
4305	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 2, 0)	26
4307	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 0)	26
4339	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 0)	26
4351	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 0)	26
4375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 0)	26

4377	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 2, 0)	26
4381	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 3, 0)	26
4383	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 1, 1, 0)	26
4409	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 0)	26
4419	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 4, 1, 0)	26
4423	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 0)	26
4435	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 0)	26
4495	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 0)	26
4749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 3, 0)	26
4757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 0)	26
4759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 1, 0)	26
4769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 0)	26
4779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 2, 1, 0)	26
4783	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 0)	26
5279	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 0)	26
5287	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 0)	26
8507	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 0)	26
8509	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 0)	26
8521	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 1, 2, 0)	26
8525	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 0)	26
8529	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 3, 2, 0)	26
8551	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 1, 1, 0)	26
8557	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 3, 0)	26
8559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 1, 2, 1, 1, 1, 0)	26
8569	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 0)	26
8579	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 0)	26
8581	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 0)	26
8583	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 6, 2, 1, 1, 0)	26
8591	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 1, 1, 0)	26
8611	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 1, 0)	26
8613	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 4, 0)	26

8615	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 0)	26
8623	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 0)	26
8677	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 0)	26
8681	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 1, 2, 0)	26
8701	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 3, 0)	26
8749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 3, 0)	26
8753	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 0)	26
8755	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 3, 1, 0)	26
8765	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 0)	26
8767	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 1, 0)	26
8801	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 0)	26
8807	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 0)	26
8809	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 1, 2, 0)	26
8819	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 0)	26
8833	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 2, 0)	26
8837	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 0)	26
8839	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 0)	26
8843	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 1, 0)	26
8847	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 4, 1, 1, 1, 0)	26
8859	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 1, 0)	26
8863	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 1, 1, 0)	26
8869	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 0)	26
8871	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 2, 1, 1, 0)	26
8989	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 3, 0)	26
8993	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 0)	26
9003	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 2, 2, 1, 0)	26
9007	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 2, 2, 1, 1, 1, 0)	26
9057	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 2, 2, 0)	26
9493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 6, 0)	26
9517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 0)	26
9525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 5, 0)	26

9531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 1, 2, 1, 0)	26
9537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 2, 2, 0)	26
9539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 0)	26
9545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 1, 2, 0)	26
9559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 1, 0)	26
9561	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 1, 2, 0)	26
9567	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 5, 1, 1, 1, 1, 0)	26
9569	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 0)	26
10537	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 1, 2, 0)	26
10559	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 0)	26
10575	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 3, 1, 1, 1, 0)	26
17013	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 5, 0)	26
17015	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 3, 1, 1, 0)	26
17031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 3, 4, 2, 1, 1, 0)	26
17041	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 3, 2, 0)	26
17043	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 3, 1, 0)	26
17045	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 6, 0)	26
17057	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 0)	26
17059	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 5, 1, 0)	26
17063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 0)	26
17083	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 3, 1, 2, 1, 0)	26
17103	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 3, 1, 1, 1, 0)	26
17117	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 0)	26
17119	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 3, 1, 1, 1, 1, 0)	26
17129	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 0)	26
17139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 3, 1, 0)	26
17157	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 4, 0)	26
17165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 0)	26
17167	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 8, 1, 1, 1, 0)	26
17169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 3, 2, 0)	26
17181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 3, 0)	26

17185	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 0)	26
17193	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 4, 1, 1, 1, 1, 2, 0)	26
17209	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 2, 1, 2, 0)	26
17221	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 0)	26
17225	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 0)	26
17227	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 5, 2, 1, 0)	26
17229	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 3, 0)	26
17231	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 3, 1, 1, 1, 0)	26
17247	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 6, 1, 1, 1, 1, 0)	26
17357	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 3, 0)	26
17361	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 3, 2, 0)	26
17363	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 3, 1, 0)	26
17401	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 2, 0)	26
17405	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 0)	26
17455	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 0)	26
17497	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 4, 1, 2, 0)	26
17501	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 3, 0)	26
17505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 1, 2, 2, 0)	26
17507	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 6, 1, 0)	26
17509	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 0)	26
17513	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 2, 0)	26
17519	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 8, 1, 2, 1, 2, 1, 1, 1, 0)	26
17525	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 5, 0)	26
17533	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 1, 3, 0)	26
17543	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 4, 2, 1, 1, 0)	26
17567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 0)	26
17601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 3, 2, 2, 0)	26
17603	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 0)	26
17607	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 1, 0)	26
17615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 3, 1, 1, 1, 0)	26
17617	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 0)	26

17619	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 3, 1, 0)	26
17637	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 4, 0)	26
17639	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 3, 2, 2, 1, 2, 2, 1, 1, 2, 1, 1, 0)	26
17665	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 2, 2, 2, 0)	26
17667	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 4, 1, 0)	26
17671	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 0)	26
17675	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 0)	26
17677	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 4, 3, 0)	26
17679	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 6, 1, 1, 1, 0)	26
17681	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 3, 2, 0)	26
17687	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 5, 1, 1, 0)	26
17689	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 1, 2, 0)	26
17693	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 3, 0)	26
17695	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 5, 2, 1, 1, 1, 1, 0)	26
17703	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 3, 1, 2, 1, 1, 0)	26
17705	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 0)	26
17711	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 0)	26
17719	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 3, 1, 1, 0)	26
17721	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 2, 1, 2, 0)	26
17727	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 3, 1, 1, 1, 1, 1, 0)	26
17741	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 3, 0)	26
17743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 3, 1, 1, 1, 0)	26
17745	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 3, 2, 0)	26
17767	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 5, 2, 1, 1, 1, 1, 2, 1, 1, 0)	26
17981	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 0)	26
17985	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 4, 2, 2, 0)	26
17987	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 4, 1, 0)	26
18007	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 4, 1, 1, 0)	26
18009	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 4, 1, 2, 0)	26
18015	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 4, 1, 1, 1, 1, 0)	26
18027	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 2, 1, 2, 2, 1, 0)	26

18115	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 4, 1, 0)	26
18185	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 2, 0)	26
18267	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 3, 3, 1, 1, 1, 2, 1, 2, 2, 1, 1, 2, 1, 0)	26
18457	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 3, 1, 2, 0)	26
18459	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 2, 4, 2, 1, 1, 1, 1, 2, 1, 0)	26
18997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 5, 0)	26
19029	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 8, 0)	26
19037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 3, 0)	26
19057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 2, 0)	26
19063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 3, 1, 1, 0)	26
19075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 0)	26
19077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 4, 0)	26
19079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 0)	26
19083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 1, 3, 2, 1, 0)	26
19089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 2, 3, 2, 0)	26
19091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 0)	26
19115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 0)	26
19117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 2, 3, 0)	26
19119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 1, 0)	26
19121	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 4, 2, 0)	26
19123	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 3, 1, 0)	26
19129	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 0)	26
19131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 1, 3, 1, 2, 1, 0)	26
19133	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 0)	26
19139	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 4, 1, 0)	26
19211	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 2, 3, 2, 1, 0)	26
19391	(4, 3, 8, 1, 2, 2, 1, 3, 1, 6, 1, 1, 2, 2, 4, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 0)	26
19399	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 0)	26
19559	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 3, 4, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 0)	26
19561	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 0)	26
19563	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 3, 2, 1, 2, 1, 2, 2, 1, 0)	26

395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 0)	27
791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 0)	27
793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 0)	27
1417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 0)	27
1435	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 0)	27
1581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 3, 0)	27
1585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 0)	27
1587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 1, 0)	27
2835	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 1, 0)	27
2841	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 2, 0)	27
2859	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 2, 1, 0)	27
2863	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 0)	27
2871	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 1, 0)	27
2921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 0)	27
2939	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 0)	27
2945	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 0)	27
3165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 3, 0)	27
3171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 1, 0)	27
3173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 0)	27
3179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 0)	27
3519	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	27
5669	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 0)	27
5671	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 0)	27
5681	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 0)	27
5683	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 0)	27
5705	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 0)	27
5719	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 0)	27
5721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 1, 2, 0)	27
5727	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 1, 1, 1, 0)	27
5741	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 0)	27
5743	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 1, 0)	27

5785	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 2, 0)	27
5787	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 1, 2, 1, 0)	27
5801	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 2, 0)	27
5833	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 0)	27
5835	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 1, 0)	27
5841	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 3, 2, 0)	27
5843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 0)	27
5867	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 0)	27
5871	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 1, 0)	27
5879	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 0)	27
5891	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 0)	27
5895	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 1, 1, 0)	27
5897	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 0)	27
5913	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 2, 0)	27
5993	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 0)	27
5995	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 0)	27
6325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 5, 0)	27
6341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 4, 0)	27
6345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 1, 2, 0)	27
6349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 3, 0)	27
6359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 0)	27
6363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 1, 2, 1, 0)	27
6377	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 0)	27
6379	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 1, 0)	27
7039	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	27
7049	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 0)	27
11341	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 3, 0)	27
11343	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 3, 1, 1, 1, 0)	27
11345	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 0)	27
11361	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 1, 2, 2, 0)	27
11363	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 6, 1, 0)	27

11365	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 4, 0)	27
11371	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 1, 0)	27
11375	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 0)	27
11401	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 1, 1, 2, 0)	27
11409	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 3, 2, 0)	27
11411	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 0)	27
11419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 1, 0)	27
11425	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 0)	27
11437	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 2, 3, 0)	27
11441	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 0)	27
11443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 0)	27
11453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 3, 0)	27
11481	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 1, 2, 0)	27
11483	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 1, 0)	27
11485	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 3, 0)	27
11487	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 3, 1, 1, 1, 1, 0)	27
11497	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 0)	27
11569	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 2, 0)	27
11571	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 3, 1, 0)	27
11575	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 3, 1, 1, 0)	27
11601	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 3, 2, 0)	27
11603	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 0)	27
11665	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 3, 2, 0)	27
11667	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 3, 1, 0)	27
11671	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 6, 1, 1, 0)	27
11673	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 3, 1, 2, 0)	27
11675	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 2, 1, 0)	27
11679	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 8, 1, 2, 1, 2, 1, 1, 1, 1, 0)	27
11683	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 5, 1, 0)	27
11685	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 4, 0)	27
11689	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 1, 2, 0)	27

11695	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 4, 2, 1, 1, 1, 0)	27
11711	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	27
11735	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 0)	27
11743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 3, 1, 1, 1, 1, 0)	27
11745	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 1, 2, 2, 0)	27
11757	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 3, 0)	27
11759	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 3, 2, 2, 1, 2, 2, 1, 1, 2, 1, 1, 1, 0)	27
11777	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 2, 2, 0)	27
11781	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 4, 0)	27
11783	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 0)	27
11785	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 0)	27
11787	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 3, 2, 1, 0)	27
11791	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 5, 1, 1, 1, 0)	27
11795	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 3, 1, 0)	27
11803	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 1, 0)	27
11807	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 0)	27
11817	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 1, 1, 2, 0)	27
11825	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 0)	27
11827	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 3, 1, 0)	27
11985	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 3, 2, 0)	27
11987	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 0)	27
11991	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 4, 1, 1, 0)	27
12009	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 2, 2, 1, 1, 1, 2, 0)	27
12123	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 2, 1, 0)	27
12657	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 6, 2, 0)	27
12661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 5, 0)	27
12685	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 0)	27
12689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 0)	27
12691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 3, 1, 0)	27
12693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 6, 0)	27
12717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 3, 0)	27

12719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 0)	27
12727	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 0)	27
12743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 0)	27
12745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 1, 2, 0)	27
12747	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 4, 2, 1, 0)	27
12755	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 0)	27
12759	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 4, 1, 1, 0)	27
12807	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 2, 3, 2, 1, 1, 0)	27
12927	(4, 3, 8, 1, 2, 2, 1, 3, 1, 6, 1, 1, 2, 2, 4, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 1, 0)	27
13039	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 3, 4, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	27
14049	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 1, 2, 2, 0)	27
14077	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 3, 0)	27
14079	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 6, 2, 2, 2, 1, 4, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	27
14099	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 3, 1, 0)	27
263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 0)	28
527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 0)	28
1053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 3, 0)	28
1057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 0)	28
1889	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 0)	28
1913	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 0)	28
1947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 1, 0)	28
1959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 1, 0)	28
1963	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 0)	28
2109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 3, 0)	28
2113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 0)	28
2115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 1, 0)	28
2119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 0)	28
3779	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 0)	28
3787	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 1, 0)	28
3803	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 0)	28
3817	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 0)	28

3827	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 0)	28
3867	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	28
3895	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 0)	28
3911	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 0)	28
3919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 0)	28
3927	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 1, 0)	28
3931	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 0)	28
3995	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 0)	28
4213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 0)	28
4227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 4, 1, 0)	28
4229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 0)	28
4239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 1, 0)	28
4251	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 1, 0)	28
4699	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 0)	28
7557	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 4, 0)	28
7561	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 0)	28
7563	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 1, 0)	28
7575	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 6, 1, 1, 0)	28
7577	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 0)	28
7583	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 0)	28
7607	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 0)	28
7625	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 0)	28
7627	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 0)	28
7635	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 3, 1, 0)	28
7653	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 4, 0)	28
7655	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 1, 1, 0)	28
7657	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 1, 2, 0)	28
7713	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 2, 2, 0)	28
7735	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 0)	28
7777	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 2, 0)	28
7783	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 2, 1, 1, 0)	28

7789	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 0)	28
7807	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	28
7823	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 0)	28
7837	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 3, 0)	28
7839	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 3, 2, 2, 1, 2, 2, 1, 1, 2, 1, 1, 1, 1, 0)	28
7851	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 2, 2, 1, 0)	28
7853	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 3, 0)	28
7855	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 1, 0)	28
7863	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 3, 1, 1, 0)	28
7871	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 1, 0)	28
7883	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 0)	28
7991	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 0)	28
7993	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 0)	28
8433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 5, 2, 0)	28
8437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 0)	28
8453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 0)	28
8459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 0)	28
8461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 0)	28
8465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 3, 2, 0)	28
8477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 0)	28
8479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 1, 0)	28
8495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 0)	28
8503	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 0)	28
8505	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 1, 2, 0)	28
9385	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 0)	28
9399	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 3, 1, 1, 0)	28
15117	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 3, 0)	28
15121	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 3, 2, 0)	28
15123	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 3, 1, 0)	28
15127	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 5, 1, 1, 0)	28
15147	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 3, 2, 2, 1, 0)	28

15149	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 0)	28
15151	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 3, 2, 2, 1, 1, 1, 0)	28
15153	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 4, 2, 0)	28
15155	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 3, 1, 0)	28
15161	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 1, 2, 0)	28
15163	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 5, 1, 2, 1, 0)	28
15167	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 0)	28
15201	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 1, 1, 2, 2, 0)	28
15207	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 4, 1, 1, 1, 1, 1, 2, 1, 1, 0)	28
15213	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 3, 0)	28
15225	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 1, 2, 0)	28
15233	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 2, 0)	28
15249	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 2, 3, 2, 0)	28
15251	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 3, 1, 0)	28
15255	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 6, 1, 1, 0)	28
15257	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 0)	28
15259	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 8, 1, 1, 1, 2, 1, 0)	28
15269	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 4, 0)	28
15271	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 1, 2, 1, 1, 0)	28
15275	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 0)	28
15295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 1, 0)	28
15303	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 5, 2, 1, 1, 1, 1, 1, 2, 2, 2, 1, 1, 0)	28
15307	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 1, 0)	28
15309	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 3, 0)	28
15311	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 0)	28
15313	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 3, 2, 0)	28
15315	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 3, 1, 0)	28
15329	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 0)	28
15425	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 2, 2, 0)	28
15427	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 4, 1, 0)	28
15433	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 3, 1, 1, 2, 0)	28

15467	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 2, 2, 1, 0)	28
15469	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 2, 3, 0)	28
15515	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 0)	28
15553	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 3, 2, 2, 0)	28
15555	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 4, 1, 0)	28
15559	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 3, 2, 2, 1, 1, 0)	28
15561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 6, 1, 1, 2, 0)	28
15563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 2, 1, 0)	28
15567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 3, 1, 1, 1, 0)	28
15577	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 5, 1, 2, 0)	28
15581	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 0)	28
15585	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 1, 2, 2, 0)	28
15591	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 6, 2, 2, 1, 1, 2, 1, 1, 0)	28
15593	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 4, 2, 1, 1, 1, 2, 0)	28
15599	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	28
15615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	28
15645	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 3, 0)	28
15647	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 6, 2, 1, 1, 1, 1, 0)	28
15657	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 3, 1, 1, 1, 1, 2, 0)	28
15659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 0)	28
15677	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 0)	28
15679	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 3, 2, 2, 1, 2, 2, 1, 3, 1, 1, 1, 1, 1, 0)	28
15703	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 4, 1, 1, 0)	28
15707	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 0)	28
15709	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 0)	28
15711	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 5, 1, 1, 1, 1, 0)	28
15713	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 0)	28
15721	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 5, 1, 1, 1, 2, 0)	28
15723	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 1, 2, 2, 1, 0)	28
15725	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 3, 0)	28
15727	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 0)	28

15737	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 1, 2, 0)	28
15743	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 0)	28
15767	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 0)	28
15769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 3, 1, 2, 0)	28
15771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 3, 1, 1, 1, 2, 1, 0)	28
15775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 4, 5, 1, 2, 1, 2, 1, 2, 1, 1, 1, 1, 0)	28
15791	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 4, 2, 1, 1, 1, 0)	28
15981	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 3, 0)	28
15987	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 3, 1, 0)	28
16007	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 4, 2, 1, 1, 0)	28
16103	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 5, 1, 2, 1, 1, 2, 1, 1, 0)	28
16239	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 3, 1, 3, 1, 2, 1, 1, 1, 0)	28
16415	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 0)	28
16853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 7, 0)	28
16867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 7, 1, 0)	28
16879	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 5, 2, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	28
16881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 5, 2, 0)	28
16909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 4, 3, 0)	28
16913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 2, 0)	28
16917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 6, 0)	28
16919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 0)	28
16921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 3, 1, 2, 0)	28
16931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 0)	28
16939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 2, 2, 1, 0)	28
16955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 0)	28
16957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 3, 0)	28
16959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 6, 1, 1, 1, 1, 1, 0)	28
16967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 7, 1, 2, 2, 1, 1, 0)	28
16969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 0)	28
16991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 4, 1, 1, 1, 1, 0)	28
16993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 1, 2, 2, 0)	28

16999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 5, 1, 1, 1, 2, 1, 1, 0)	28
17003	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 0)	28
17005	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 0)	28
17011	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 3, 1, 0)	28
17243	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 0)	28
17385	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 3, 4, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 0)	28
17387	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 0)	28
17391	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 3, 1, 1, 3, 1, 2, 3, 1, 1, 2, 1, 1, 1, 0)	28
18719	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 4, 2, 1, 1, 1, 1, 0)	28
18731	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 0)	28
18769	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 3, 2, 0)	28
18771	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 3, 1, 0)	28
18797	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 3, 0)	28
175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 0)	29
351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 1, 0)	29
701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 0)	29
1259	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 0)	29
1275	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 1, 0)	29
1405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 0)	29
1409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 0)	29
2519	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 0)	29
2535	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 1, 0)	29
2551	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 0)	29
2607	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 1, 0)	29
2617	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 0)	29
2663	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 0)	29
2805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 5, 0)	29
2817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 2, 0)	29
2819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 0)	29
2825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 2, 1, 1, 2, 0)	29
5037	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 3, 0)	29

5049	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 1, 2, 0)	29
5051	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 0)	29
5055	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	29
5071	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 0)	29
5083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 1, 0)	29
5089	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 0)	29
5101	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 3, 0)	29
5103	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 1, 1, 1, 0)	29
5193	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 2, 0)	29
5215	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 0)	29
5225	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 0)	29
5235	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 3, 1, 0)	29
5241	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 2, 0)	29
5247	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 0)	29
5255	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 0)	29
5327	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 0)	29
5617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 0)	29
5621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 0)	29
5635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 1, 0)	29
5637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 4, 0)	29
5639	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 1, 0)	29
5643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 3, 2, 1, 0)	29
5651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 0)	29
5663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 0)	29
6265	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 0)	29
10077	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 3, 0)	29
10081	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 0)	29
10099	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 1, 0)	29
10103	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 3, 1, 1, 0)	29
10107	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 1, 2, 1, 0)	29
10111	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 1, 0)	29

10141	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 3, 0)	29
10155	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 2, 1, 0)	29
10167	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 3, 1, 1, 0)	29
10169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 0)	29
10171	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 1, 0)	29
10179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 4, 1, 0)	29
10183	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 1, 0)	29
10205	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 0)	29
10207	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 0)	29
10209	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 1, 2, 2, 0)	29
10219	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 0)	29
10283	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 2, 2, 1, 0)	29
10311	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 2, 2, 1, 1, 0)	29
10313	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 0)	29
10343	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 0)	29
10369	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 2, 2, 0)	29
10375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 2, 1, 1, 0)	29
10377	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 2, 1, 1, 2, 0)	29
10385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 0)	29
10387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 1, 0)	29
10395	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 4, 2, 1, 1, 1, 2, 1, 0)	29
10399	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	29
10409	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	29
10429	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 3, 0)	29
10431	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 6, 2, 1, 1, 1, 1, 1, 0)	29
10439	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 0)	29
10449	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 3, 2, 0)	29
10451	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 0)	29
10469	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 0)	29
10471	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 0)	29
10473	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 1, 2, 0)	29

10475	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 0)	29
10483	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 3, 1, 0)	29
10491	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 1, 2, 1, 0)	29
10495	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 1, 0)	29
10511	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 0)	29
10527	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 4, 2, 1, 1, 1, 1, 0)	29
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10657	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 2, 0)	29
10671	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 4, 2, 1, 1, 1, 0)	29
10735	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 5, 1, 2, 1, 1, 2, 1, 1, 1, 0)	29
10943	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 0)	29
11221	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 7, 0)	29
11235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 7, 1, 0)	29
11249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 0)	29
11269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 0)	29
11275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 2, 1, 0)	29
11277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 3, 0)	29
11279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 0)	29
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11287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 1, 0)	29
11301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 4, 0)	29
11303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 0)	29
11305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 1, 2, 0)	29
11311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 7, 1, 2, 2, 1, 1, 1, 0)	29
11327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 4, 1, 1, 1, 1, 1, 0)	29
11335	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 0)	29
11337	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 2, 0)	29
11495	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 0)	29
11591	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 1, 0)	29
12479	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 4, 2, 1, 1, 1, 1, 1, 0)	29
12487	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 0)	29

12513	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 2, 0)	29
12531	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 3, 1, 0)	29
233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 0)	30
467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 0)	30
839	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 0)	30
933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 4, 0)	30
939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 1, 0)	30
1679	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 0)	30
1775	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 0)	30
1869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 3, 0)	30
1873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 0)	30
1879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 0)	30
1883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 0)	30
3357	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 3, 0)	30
3367	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 0)	30
3401	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 0)	30
3483	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 1, 0)	30
3489	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 2, 0)	30
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3551	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 0)	30
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3747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 1, 0)	30
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3759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 1, 1, 0)	30
3767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 0)	30
3775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 0)	30
6717	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 3, 0)	30
6735	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 3, 1, 1, 1, 0)	30
6761	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 0)	30
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6779	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 0)	30

6785	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 0)	30
6801	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 3, 2, 0)	30
6803	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 0)	30
6855	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 2, 2, 1, 1, 0)	30
6875	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 0)	30
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6923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 0)	30
6939	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	30
6953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 2, 0)	30
6959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 0)	30
6967	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 0)	30
6979	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 0)	30
6983	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 0)	30
7007	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 1, 0)	30
7101	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 3, 0)	30
7295	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	30
7477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 5, 0)	30
7489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 0)	30
7493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 4, 0)	30
7499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 0)	30
7513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 1, 2, 0)	30
7517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 0)	30
7519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 0)	30
7533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 3, 0)	30
7535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 0)	30
7551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 4, 1, 1, 1, 1, 1, 1, 0)	30
7663	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 0)	30
7727	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 1, 1, 0)	30
8319	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 4, 2, 1, 1, 1, 1, 1, 1, 0)	30
8353	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 0)	30
13429	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 0)	30

13441	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 0)	30
13465	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 1, 2, 0)	30
13467	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 3, 2, 2, 1, 1, 1, 2, 1, 0)	30
13469	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 3, 0)	30
13471	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 9, 1, 3, 1, 1, 1, 2, 1, 1, 1, 1, 0)	30
13479	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 3, 1, 1, 2, 1, 2, 1, 1, 0)	30
13481	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 1, 2, 0)	30
13521	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 3, 2, 0)	30
13523	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 3, 1, 0)	30
13555	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 0)	30
13559	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 3, 1, 1, 0)	30
13561	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 1, 2, 0)	30
13563	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 8, 1, 1, 1, 2, 1, 2, 1, 0)	30
13571	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 0)	30
13575	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 1, 1, 3, 2, 1, 1, 0)	30
13577	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 1, 2, 0)	30
13595	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	30
13603	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 0)	30
13605	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 4, 0)	30
13607	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 0)	30
13609	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 0)	30
13611	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 3, 2, 2, 1, 0)	30
13615	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 3, 1, 2, 1, 2, 2, 2, 1, 1, 1, 0)	30
13625	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 0)	30
13711	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 0)	30
13727	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	30
13751	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 3, 1, 1, 0)	30
13791	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 3, 1, 1, 1, 1, 0)	30
13825	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 2, 2, 2, 0)	30
13831	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 3, 2, 1, 1, 0)	30
13833	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 2, 1, 1, 2, 0)	30

13847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 5, 1, 1, 0)	30
13849	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 1, 2, 0)	30
13855	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 3, 1, 2, 2, 2, 2, 1, 1, 1, 1, 0)	30
13865	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	30
13879	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 1, 0)	30
13905	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 3, 2, 0)	30
13907	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 0)	30
13919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 4, 1, 1, 1, 1, 0)	30
13933	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 3, 0)	30
13951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 6, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	30
13957	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 4, 0)	30
13961	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 0)	30
13963	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 2, 1, 0)	30
13967	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 4, 1, 1, 1, 0)	30
13977	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 3, 1, 2, 0)	30
13979	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 0)	30
13991	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 1, 2, 1, 1, 0)	30
13993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 1, 2, 0)	30
13999	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 1, 0)	30
14013	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 3, 0)	30
14055	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 9, 1, 2, 1, 4, 1, 1, 2, 1, 1, 2, 1, 2, 1, 1, 2, 1, 1, 0)	30
14205	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 3, 0)	30
14209	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 2, 2, 0)	30
14313	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 5, 1, 2, 1, 1, 2, 1, 1, 1, 2, 0)	30
14367	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 3, 1, 1, 2, 1, 1, 3, 1, 2, 2, 1, 1, 1, 1, 0)	30
14591	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 1, 1, 0)	30
14933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 8, 0)	30
14961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 7, 2, 0)	30
14979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 4, 1, 0)	30
14989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 3, 0)	30
14999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 7, 1, 1, 0)	30

15003	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 5, 2, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 1, 0)	30
15025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 0)	30
15027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 3, 1, 0)	30
15029	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 0)	30
15033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 2, 1, 2, 0)	30
15037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 1, 3, 0)	30
15041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 0)	30
15049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 1, 2, 0)	30
15069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 3, 0)	30
15071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 3, 1, 1, 1, 1, 0)	30
15073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 1, 2, 2, 0)	30
15081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 7, 1, 2, 2, 1, 1, 1, 2, 0)	30
15083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 0)	30
15101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 3, 0)	30
15113	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 0)	30
15115	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 2, 1, 0)	30
15327	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 3, 1, 1, 1, 1, 0)	30
15455	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 1, 1, 0)	30
15471	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 1, 0)	30
16639	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 6, 1, 1, 1, 1, 1, 1, 1, 0)	30
16649	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 0)	30
16683	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 3, 2, 2, 1, 0)	30
16707	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 4, 1, 0)	30
155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 0)	31
311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 0)	31
559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 0)	31
621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 3, 0)	31
1119	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 1, 0)	31
1183	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 0)	31
1245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 3, 0)	31
1255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 0)	31

2237	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 0)	31
2267	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 0)	31
2335	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 0)	31
2367	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 1, 0)	31
2485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 0)	31
2497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 0)	31
2505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 2, 0)	31
2511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 1, 0)	31
4477	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 0)	31
4489	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 2, 0)	31
4507	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 1, 0)	31
4519	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 0)	31
4523	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 1, 0)	31
4535	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 0)	31
4583	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 0)	31
4615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 1, 0)	31
4635	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 2, 1, 0)	31
4639	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 0)	31
4655	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 0)	31
4671	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 1, 1, 0)	31
4733	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 0)	31
4863	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	31
4977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 6, 2, 0)	31
4981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 0)	31
4995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 4, 1, 0)	31
4999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 0)	31
5009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 0)	31
5011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 1, 0)	31
5021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 0)	31
5023	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 0)	31
5033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 0)	31

5151	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	31
8949	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 5, 0)	31
8979	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 3, 1, 0)	31
8987	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 1, 2, 1, 0)	31
9015	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 3, 1, 1, 0)	31
9039	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 3, 1, 1, 1, 0)	31
9047	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 0)	31
9051	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 1, 2, 1, 0)	31
9063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	31
9069	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 3, 0)	31
9071	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 0)	31
9083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 1, 0)	31
9151	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	31
9167	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 3, 1, 1, 1, 0)	31
9193	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 0)	31
9231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 5, 1, 1, 1, 0)	31
9243	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	31
9271	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 0)	31
9279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 4, 1, 1, 1, 1, 1, 0)	31
9289	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 2, 0)	31
9305	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 0)	31
9307	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 0)	31
9311	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 4, 1, 1, 1, 1, 0)	31
9319	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 1, 0)	31
9327	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 1, 2, 1, 1, 1, 0)	31
9341	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 0)	31
9469	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 3, 0)	31
9727	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 0)	31
9941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 7, 0)	31
9955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 8, 1, 0)	31
9969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 5, 2, 0)	31

9985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 0)	31
9989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 0)	31
9999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 7, 1, 1, 1, 0)	31
10017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 1, 2, 2, 0)	31
10019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 0)	31
10021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 4, 0)	31
10025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 0)	31
10027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 1, 0)	31
10045	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 0)	31
10047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 3, 1, 1, 1, 1, 1, 0)	31
10055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 0)	31
10067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 3, 1, 0)	31
10075	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 1, 0)	31
10217	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 0)	31
10303	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 1, 1, 1, 0)	31
11099	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 0)	31
11137	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 0)	31
17905	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 2, 0)	31
17909	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 5, 0)	31
17921	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 0)	31
17927	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 0)	31
17953	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 1, 2, 2, 0)	31
17957	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 4, 0)	31
17959	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 6, 1, 2, 1, 1, 0)	31
17961	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 9, 1, 3, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	31
17975	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 0)	31
18023	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 4, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 0)	31
18029	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 3, 0)	31
18031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 6, 2, 1, 2, 1, 1, 1, 0)	31
18073	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 0)	31
18077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 3, 0)	31

18081	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 1, 2, 2, 0)	31
18087	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 5, 1, 2, 1, 2, 1, 1, 0)	31
18093	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 3, 0)	31
18103	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 0)	31
18127	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 3, 1, 1, 1, 0)	31
18137	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 0)	31
18141	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 3, 0)	31
18143	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 0)	31
18145	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 2, 0)	31
18153	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 3, 1, 2, 1, 2, 2, 2, 1, 1, 1, 2, 0)	31
18167	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 3, 1, 1, 0)	31
18281	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 0)	31
18283	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 4, 1, 2, 2, 1, 0)	31
18303	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 0)	31
18331	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 4, 1, 1, 1, 2, 1, 0)	31
18333	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 3, 0)	31
18335	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 3, 1, 2, 1, 2, 3, 1, 2, 1, 1, 1, 1, 0)	31
18387	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 3, 1, 0)	31
18433	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 2, 2, 2, 2, 0)	31
18441	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 3, 2, 1, 1, 2, 0)	31
18461	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 0)	31
18465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 1, 2, 2, 0)	31
18471	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 1, 4, 1, 2, 1, 1, 0)	31
18473	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 3, 1, 2, 2, 2, 2, 1, 1, 1, 1, 2, 0)	31
18479	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 3, 2, 1, 2, 2, 1, 1, 1, 0)	31
18487	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 1, 0)	31
18505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 1, 2, 0)	31
18535	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 4, 2, 1, 2, 3, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 0)	31
18541	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 2, 3, 0)	31
18555	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 1, 2, 1, 0)	31
18557	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 3, 0)	31

18577	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 3, 2, 0)	31
18579	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 3, 1, 0)	31
18601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 6, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	31
18609	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 4, 2, 0)	31
18611	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 3, 1, 0)	31
18615	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 3, 1, 1, 0)	31
18617	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 2, 1, 2, 0)	31
18619	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 3, 1, 2, 1, 0)	31
18621	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 3, 0)	31
18623	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 0)	31
18631	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 1, 3, 2, 2, 1, 1, 0)	31
18635	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 0)	31
18639	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 3, 1, 1, 1, 0)	31
18651	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 3, 1, 1, 2, 1, 0)	31
18655	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 1, 0)	31
18657	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	31
18663	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 6, 1, 1, 2, 1, 3, 2, 1, 1, 2, 1, 1, 0)	31
18665	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 1, 2, 0)	31
18685	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 1, 3, 0)	31
18715	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 6, 1, 1, 1, 1, 1, 2, 1, 0)	31
18933	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 5, 0)	31
18939	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 1, 0)	31
18945	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 2, 2, 2, 0)	31
18971	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 0)	31
18991	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 2, 1, 4, 1, 1, 2, 2, 1, 1, 1, 0)	31
19035	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 2, 1, 3, 2, 2, 1, 2, 1, 1, 2, 1, 0)	31
19103	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 5, 2, 1, 2, 1, 1, 2, 4, 1, 1, 2, 1, 1, 1, 1, 0)	31
19453	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 0)	31
19455	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 3, 1, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	31
19909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 6, 4, 0)	31
19925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 0)	31

19939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 0)	31
19971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 4, 1, 0)	31
19981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 4, 3, 0)	31
19985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 3, 2, 0)	31
19997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 0)	31
103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 0)	32
207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 1, 0)	32
413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 0)	32
745	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 0)	32
829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 0)	32
1491	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 1, 0)	32
1511	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 0)	32
1577	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	32
1653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 5, 0)	32
1673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 0)	32
2981	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 0)	32
3015	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 1, 1, 0)	32
3023	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 0)	32
3055	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 0)	32
3103	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 1, 0)	32
3113	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 0)	32
3155	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 0)	32
3313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 0)	32
3317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 5, 0)	32
3329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 0)	32
3339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 1, 0)	32
3347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 0)	32
3355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 1, 0)	32
5965	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 3, 0)	32
5969	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 0)	32
5985	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 2, 2, 0)	32

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6045	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 3, 0)	32
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6111	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 0)	32
6153	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 1, 2, 0)	32
6185	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 0)	32
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6207	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 4, 1, 1, 1, 1, 1, 0)	32
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6309	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 4, 0)	32
6613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 7, 0)	32
6627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 7, 1, 0)	32
6641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 0)	32
6659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 0)	32
6665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 2, 0)	32
6679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 0)	32
6681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 1, 2, 0)	32
6683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 1, 0)	32
6693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 4, 0)	32
6697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 2, 0)	32
6703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 1, 0)	32
6711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 2, 1, 1, 1, 1, 3, 1, 1, 0)	32
6811	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 1, 0)	32
7399	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 0)	32
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11939	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 5, 1, 0)	32
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11951	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 0)	32
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12201	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 2, 0)	32
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12307	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 0)	32
12315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 3, 1, 2, 2, 2, 2, 1, 1, 1, 1, 2, 1, 0)	32
12319	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 3, 2, 1, 2, 2, 1, 1, 1, 1, 0)	32
12361	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 2, 0)	32
12371	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 3, 1, 0)	32
12385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 2, 2, 0)	32
12407	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 3, 1, 1, 0)	32
12409	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 2, 0)	32
12411	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 2, 1, 2, 1, 0)	32
12413	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 0)	32
12415	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 0)	32
12423	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 1, 0)	32
12425	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 1, 2, 0)	32
12443	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 1, 2, 1, 0)	32
12453	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 4, 0)	32

12621	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 3, 0)	32
12625	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 3, 2, 0)	32
12647	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 1, 0)	32
12735	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 5, 2, 1, 2, 1, 1, 2, 4, 1, 1, 2, 1, 1, 1, 1, 1, 0)	32
12969	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	32
13253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 4, 0)	32
13269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 7, 0)	32
13273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 8, 1, 2, 0)	32
13283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 0)	32
13313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 2, 0)	32
13317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 4, 0)	32
13323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 3, 2, 1, 0)	32
13331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 0)	32
13355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 0)	32
13357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 3, 0)	32
13361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 4, 2, 0)	32
13363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 3, 1, 0)	32
13367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 3, 1, 1, 0)	32
13369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 1, 2, 0)	32
13383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 2, 2, 1, 2, 2, 1, 1, 0)	32
13389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 3, 0)	32
13393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 0)	32
13395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 1, 0)	32
13407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 4, 1, 1, 1, 1, 0)	32
13421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 0)	32
13433	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 1, 2, 0)	32
13435	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 2, 1, 2, 1, 0)	32
13543	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 3, 2, 2, 2, 5, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 1, 0)	32
13623	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 3, 1, 1, 0)	32
13737	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 1, 1, 1, 2, 0)	32
13983	(4, 9, 4, 2, 1, 1, 2, 1, 2, 6, 3, 4, 2, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	32

14783	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 5, 1, 2, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 0)	32
14799	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 3, 1, 1, 1, 0)	32
14849	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 0)	32
137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 0)	33
275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 0)	33
549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 4, 0)	33
993	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 2, 0)	33
1007	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 0)	33
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1101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 3, 0)	33
1105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 0)	33
1115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 0)	33
1987	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 0)	33
2015	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 0)	33
2075	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 0)	33
2103	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 1, 0)	33
2197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 0)	33
2211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 5, 1, 0)	33
2219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 0)	33
2231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 0)	33
3973	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 0)	33
3979	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 0)	33
4029	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 3, 0)	33
4031	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 0)	33
4073	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 2, 0)	33
4123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 0)	33
4135	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 0)	33
4137	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 1, 2, 0)	33
4151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 0)	33
4205	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 0)	33
4405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 0)	33

4417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 2, 0)	33
4421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 0)	33
4427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 0)	33
4439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 0)	33
4443	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 2, 1, 0)	33
4455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 1, 1, 0)	33
4461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 3, 0)	33
4473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 1, 2, 0)	33
7949	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 0)	33
7953	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 3, 2, 0)	33
7959	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 5, 1, 1, 0)	33
7967	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 0)	33
8033	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 2, 2, 0)	33
8041	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 0)	33
8061	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 3, 0)	33
8063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 0)	33
8073	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 1, 1, 2, 0)	33
8147	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 0)	33
8171	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 0)	33
8247	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 3, 1, 1, 0)	33
8271	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 3, 1, 1, 1, 0)	33
8275	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 0)	33
8283	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 0)	33
8295	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 1, 2, 1, 1, 0)	33
8301	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 3, 0)	33
8413	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 3, 0)	33
8431	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 1, 1, 0)	33
8789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 8, 0)	33
8817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 7, 2, 0)	33
8835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 4, 1, 0)	33
8845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 5, 3, 0)	33

8855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 0)	33
8875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 2, 1, 0)	33
8877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 3, 0)	33
8887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 1, 0)	33
8903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 0)	33
8905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 0)	33
8907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 4, 2, 1, 0)	33
8911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 3, 1, 1, 1, 0)	33
8925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 3, 0)	33
8929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 2, 2, 0)	33
8937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 1, 2, 0)	33
8947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 0)	33
8955	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 1, 2, 1, 0)	33
9081	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 1, 2, 0)	33
9855	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 5, 1, 2, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	33
9865	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 2, 0)	33
9899	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 0)	33
15893	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 0)	33
15907	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 5, 1, 0)	33
15915	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 2, 2, 1, 0)	33
15917	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 3, 0)	33
15929	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 0)	33
15935	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 0)	33
15961	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 4, 1, 2, 0)	33
15963	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 6, 1, 2, 1, 1, 2, 1, 0)	33
15975	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 3, 1, 1, 2, 3, 1, 1, 1, 2, 1, 1, 0)	33
15977	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 0)	33
15999	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 5, 1, 3, 2, 5, 2, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	33
16025	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 3, 1, 2, 0)	33
16027	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 6, 2, 1, 2, 1, 1, 1, 2, 1, 0)	33
16031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 0)	33

16039	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 3, 1, 2, 1, 2, 1, 1, 0)	33
16047	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 2, 3, 2, 1, 1, 1, 0)	33
16067	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 4, 1, 0)	33
16081	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 1, 3, 2, 0)	33
16083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 3, 1, 0)	33
16091	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 0)	33
16117	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 5, 0)	33
16121	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 1, 2, 0)	33
16125	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 3, 0)	33
16147	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 1, 3, 1, 0)	33
16249	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 0)	33
16251	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 4, 1, 2, 2, 1, 2, 1, 0)	33
16293	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 4, 0)	33
16295	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 5, 1, 2, 2, 1, 2, 1, 1, 0)	33
16297	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 3, 1, 2, 1, 2, 3, 1, 2, 1, 1, 1, 1, 1, 2, 0)	33
16343	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 4, 1, 1, 0)	33
16409	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 0)	33
16425	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 3, 2, 1, 2, 2, 1, 1, 1, 1, 2, 0)	33
16475	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 4, 2, 1, 2, 3, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 2, 1, 0)	33
16481	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 2, 2, 0)	33
16487	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 0)	33
16493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 3, 0)	33
16513	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 2, 2, 2, 0)	33
16541	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 3, 0)	33
16543	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 5, 5, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	33
16545	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 2, 2, 0)	33
16549	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 1, 4, 0)	33
16553	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 2, 0)	33
16567	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 3, 1, 1, 0)	33
16583	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 1, 3, 2, 2, 1, 1, 0)	33
16591	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 0)	33

16605	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 3, 0)	33
16635	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 6, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	33
16821	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 5, 0)	33
16833	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 3, 2, 2, 0)	33
16863	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 3, 1, 1, 1, 1, 0)	33
17291	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 0)	33
17621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 0)	33
17635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 9, 1, 0)	33
17669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 4, 0)	33
17685	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 6, 0)	33
17697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 8, 1, 2, 2, 0)	33
17709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 3, 0)	33
17723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 2, 1, 0)	33
17751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 4, 1, 1, 0)	33
17757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 3, 0)	33
17773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 2, 3, 0)	33
17807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 4, 1, 1, 1, 0)	33
17809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 3, 2, 0)	33
17811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 3, 1, 0)	33
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17817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 3, 1, 2, 0)	33
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17825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 1, 2, 2, 0)	33
17835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 1, 2, 2, 2, 1, 0)	33
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17857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 2, 0)	33
17859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 4, 1, 0)	33
17863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 3, 2, 2, 2, 1, 1, 0)	33
17875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 3, 1, 0)	33
17893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 1, 4, 0)	33
17903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 0)	33

17911	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 3, 1, 1, 0)	33
17913	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 2, 1, 2, 1, 2, 0)	33
17915	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 3, 1, 2, 1, 2, 1, 0)	33
18047	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 6, 1, 4, 1, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	33
18057	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 3, 2, 2, 2, 5, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 1, 2, 0)	33
18159	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 2, 2, 1, 2, 2, 4, 1, 1, 1, 2, 1, 1, 1, 0)	33
18163	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 3, 1, 0)	33
18175	(4, 3, 8, 1, 4, 1, 1, 5, 3, 1, 1, 2, 1, 2, 4, 2, 1, 2, 2, 2, 1, 1, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	33
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19815	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 4, 2, 1, 2, 1, 5, 1, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 0)	33
91	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 0)	34
183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 1, 0)	34
365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 0)	34
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1343	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 0)	34
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1473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 2, 0)	34
1479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 1, 0)	34
1487	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 0)	34
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2685	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 3, 0)	34

2687	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 0)	34
2715	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 2, 1, 0)	34
2767	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 0)	34
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2929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 0)	34
2933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 0)	34
2947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 0)	34
2951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 0)	34
2959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 0)	34
2973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 3, 0)	34
5297	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 0)	34
5299	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 1, 0)	34
5305	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 0)	34
5311	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 0)	34
5355	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 2, 2, 1, 0)	34
5373	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 3, 0)	34
5375	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 0)	34
5431	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 0)	34
5447	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 0)	34
5497	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 2, 0)	34
5513	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 0)	34
5533	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 3, 0)	34
5605	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 4, 0)	34
5845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 0)	34
5859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 8, 1, 0)	34
5873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 2, 0)	34
5889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 2, 2, 0)	34
5893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 4, 0)	34
5903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 0)	34
5917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 0)	34
5935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 0)	34

5949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 3, 0)	34
6599	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 0)	34
10595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 0)	34
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10611	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 3, 1, 0)	34
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10987	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 2, 2, 1, 0)	34
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11241	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	34
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13153	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 2, 2, 0)	34
13199	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 4, 1, 1, 1, 0)	34
121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 0)	35
243	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 1, 0)	35
447	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 0)	35
485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 0)	35
495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	35
895	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 0)	35

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1789	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 0)	35
1791	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	35
1941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 6, 0)	35
1955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 0)	35
1967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 0)	35
1981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 0)	35
3531	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 1, 0)	35
3581	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 0)	35
3583	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	35
3631	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 0)	35
3675	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 1, 0)	35
3689	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 0)	35
3737	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 0)	35
3893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 0)	35
3905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 0)	35
3909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 4, 0)	35
3915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 2, 1, 0)	35
3929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 0)	35
3935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 0)	35
3945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 2, 0)	35
3965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 0)	35
4399	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 1, 0)	35
7063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 1, 0)	35
7065	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 1, 2, 0)	35
7073	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 0)	35
7079	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 0)	35
7081	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 2, 0)	35
7147	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 0)	35

7151	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 1, 1, 0)	35
7157	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 0)	35
7165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 0)	35
7241	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 0)	35
7263	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 4, 1, 1, 1, 1, 0)	35
7327	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	35
7329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 2, 2, 0)	35
7351	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 3, 1, 1, 0)	35
7355	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 0)	35
7377	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 3, 2, 0)	35
7379	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 0)	35
7473	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 4, 2, 0)	35
7475	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 3, 1, 0)	35
7765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 8, 0)	35
7793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 0)	35
7811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 0)	35
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7889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 2, 0)	35
7891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 3, 1, 0)	35
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7913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 0)	35
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8799	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 4, 1, 1, 1, 1, 0)	35
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14129	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 4, 2, 0)	35
14131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 3, 1, 0)	35

14139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 5, 1, 2, 1, 0)	35
14147	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 0)	35
14159	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 0)	35
14163	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 3, 1, 0)	35
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14201	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 0)	35
14249	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	35
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14281	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 4, 1, 1, 2, 0)	35
14295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 4, 1, 1, 0)	35
14303	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 0)	35
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14325	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 5, 0)	35
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14575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	35
14585	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 2, 0)	35
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14659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 4, 1, 0)	35
14701	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 0)	35
14703	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 6, 1, 2, 1, 1, 1, 0)	35
14711	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 3, 1, 1, 0)	35
14713	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 0)	35
14747	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 0)	35
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14947	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 6, 1, 0)	35
14949	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 4, 0)	35
15015	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 8, 4, 1, 1, 4, 1, 1, 1, 2, 2, 1, 1, 2, 1, 2, 1, 2, 1, 1, 0)	35
15079	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	35
15135	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 3, 1, 1, 2, 1, 1, 3, 1, 2, 2, 1, 1, 1, 3, 2, 1, 1, 1, 1, 0)	35
15369	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 1, 2, 0)	35
15573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 7, 0)	35
15587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 9, 1, 0)	35
15621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 4, 0)	35
15637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 6, 0)	35
15661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 2, 3, 0)	35
15675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 9, 1, 2, 1, 0)	35
15705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 4, 1, 2, 0)	35
15715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 6, 1, 0)	35
15717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 4, 0)	35
15741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 3, 0)	35
15753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 2, 1, 1, 2, 0)	35
15777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 2, 1, 2, 2, 0)	35
15779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 5, 1, 0)	35
15781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 4, 0)	35
15799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 3, 1, 1, 0)	35
15827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 3, 1, 0)	35
15831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 4, 1, 1, 0)	35
15835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 1, 0)	35
15841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 3, 1, 1, 1, 2, 2, 0)	35
15857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 5, 2, 0)	35
15861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 5, 0)	35
15873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 2, 2, 2, 2, 0)	35
15905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 0)	35
15913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 0)	35

16041	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 6, 1, 4, 1, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 0)	35
16155	(4, 3, 8, 1, 4, 1, 1, 5, 3, 1, 1, 2, 1, 2, 4, 2, 1, 2, 2, 2, 1, 1, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	35
17537	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 2, 2, 2, 0)	35
17563	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 0)	35
17575	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 3, 4, 1, 1, 2, 1, 2, 1, 1, 0)	35
17597	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 0)	35
161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 0)	36
323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 0)	36
645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 4, 0)	36
651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 1, 0)	36
1193	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 0)	36
1293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 3, 0)	36
1297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 0)	36
1303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 0)	36
1311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 1, 0)	36
1321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 0)	36
2385	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 2, 0)	36
2387	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 0)	36
2459	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 0)	36
2491	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 0)	36
2581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 0)	36
2595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 1, 0)	36
2603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 0)	36
2605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 0)	36
2619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 1, 0)	36
2623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 0)	36
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2643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 1, 0)	36
4715	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 0)	36
4719	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 1, 0)	36
4767	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 1, 1, 1, 0)	36

4771	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 1, 0)	36
4773	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 4, 0)	36
4777	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	36
4827	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 1, 0)	36
4841	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 0)	36
4903	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 1, 0)	36
4919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 0)	36
4983	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 3, 1, 1, 0)	36
5173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 5, 0)	36
5189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 0)	36
5195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 0)	36
5207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 0)	36
5213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 0)	36
5239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 0)	36
5245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 3, 0)	36
5259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 2, 1, 0)	36
5275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 0)	36
5283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 5, 1, 0)	36
5285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 0)	36
5865	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 1, 2, 0)	36
9417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 1, 2, 0)	36
9419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 4, 2, 1, 0)	36
9431	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 1, 0)	36
9439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 1, 0)	36
9441	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 2, 2, 0)	36
9467	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 0)	36
9499	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	36
9519	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 2, 2, 1, 1, 1, 0)	36
9529	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 2, 0)	36
9535	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 1, 0)	36
9541	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 4, 0)	36

9547	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 5, 2, 1, 0)	36
9549	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 3, 0)	36
9553	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 0)	36
9555	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	36
9655	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 3, 1, 1, 0)	36
9683	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 0)	36
9723	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 2, 1, 0)	36
9769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	36
9801	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 3, 1, 1, 2, 0)	36
9807	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 3, 1, 1, 1, 0)	36
9831	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 1, 0)	36
9837	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 3, 0)	36
9965	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 0)	36
10325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 0)	36
10353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 8, 2, 0)	36
10381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 0)	36
10391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 9, 1, 1, 0)	36
10413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 3, 0)	36
10421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 0)	36
10441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 1, 2, 0)	36
10477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 0)	36
10493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 0)	36
10519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 5, 1, 1, 0)	36
10521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 3, 1, 2, 0)	36
10551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 3, 1, 1, 0)	36
10553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 1, 2, 0)	36
10565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 4, 0)	36
10571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 5, 2, 1, 0)	36
10573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 3, 0)	36
10603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 0)	36
11691	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 2, 2, 2, 1, 0)	36

11731	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 0)	36
18833	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 3, 2, 0)	36
18835	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 3, 1, 0)	36
18839	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 6, 1, 1, 0)	36
18841	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 3, 1, 2, 0)	36
18855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 7, 2, 1, 2, 1, 1, 0)	36
18861	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 3, 0)	36
18877	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 3, 0)	36
18883	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 4, 1, 0)	36
18919	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 6, 1, 2, 1, 3, 1, 1, 2, 1, 1, 0)	36
18921	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 9, 1, 3, 1, 1, 1, 2, 1, 1, 1, 3, 1, 2, 1, 1, 1, 2, 0)	36
18935	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 0)	36
18999	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 0)	36
19039	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 4, 1, 1, 1, 1, 0)	36
19041	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 4, 1, 1, 2, 2, 0)	36
19059	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 3, 1, 0)	36
19069	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 1, 1, 3, 0)	36
19085	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 3, 0)	36
19093	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 6, 0)	36
19095	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 7, 1, 1, 0)	36
19105	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 1, 2, 1, 2, 2, 0)	36
19107	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 5, 1, 0)	36
19109	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 0)	36
19111	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 3, 1, 2, 1, 2, 1, 2, 1, 1, 0)	36
19257	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 1, 2, 0)	36
19309	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 3, 0)	36
19311	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 4, 1, 1, 1, 2, 3, 1, 2, 1, 1, 1, 0)	36
19365	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 4, 0)	36
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19447	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 3, 1, 1, 0)	36

19451	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 4, 2, 2, 1, 2, 1, 2, 1, 0)	36
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19613	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 3, 0)	36
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19687	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 4, 2, 2, 2, 2, 1, 1, 2, 1, 1, 0)	36
19695	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 4, 4, 2, 2, 1, 4, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	36
19929	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 6, 1, 2, 0)	36
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1591	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 1, 0)	37
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1717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 0)	37
1729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 0)	37
1735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 0)	37
1737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 2, 0)	37
1761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 0)	37
3143	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 0)	37

3181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 0)	37
3227	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 0)	37
3279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 1, 0)	37
3321	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 2, 0)	37
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3445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 0)	37
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3475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 0)	37
3497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 0)	37
3521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 0)	37
3523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 0)	37
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6369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	37
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6643	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 1, 0)	37
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6897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 5, 2, 0)	37
6917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 0)	37
6927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 9, 1, 1, 1, 0)	37
6941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 0)	37
6947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 0)	37

6949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 0)	37
6985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 2, 0)	37
6993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 3, 2, 0)	37
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7047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 5, 2, 1, 1, 0)	37
12555	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 3, 2, 1, 0)	37
12559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 6, 1, 1, 1, 0)	37
12573	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 3, 0)	37
12585	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 1, 2, 0)	37
12623	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 1, 0)	37
12665	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 0)	37
12705	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 2, 2, 0)	37
12713	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 1, 2, 0)	37
12721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 4, 2, 0)	37
12723	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 3, 1, 0)	37
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12737	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 0)	37
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12909	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 3, 0)	37
12955	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 0)	37
12959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 0)	37
12967	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 4, 2, 2, 1, 2, 1, 2, 1, 1, 0)	37
13025	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 2, 0)	37
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13055	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 5, 1, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	37

13067	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 0)	37
13075	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 3, 1, 0)	37
13087	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 3, 2, 1, 1, 1, 1, 0)	37
13115	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 0)	37
13117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 0)	37
13285	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 4, 0)	37
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13765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 0)	37
13781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 0)	37
13795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 7, 1, 0)	37
13837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 3, 0)	37
13841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 0)	37
13853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 0)	37
13885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 3, 0)	37
13893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 4, 0)	37
13899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 6, 2, 1, 0)	37
13901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 3, 0)	37
13921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 1, 2, 2, 0)	37
13959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 2, 4, 2, 1, 1, 0)	37
13969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 2, 0)	37
13971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 3, 1, 0)	37
13987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 5, 1, 0)	37
13989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 4, 0)	37
14025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 5, 1, 1, 2, 0)	37
14027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 4, 2, 1, 0)	37
14043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 3, 1, 1, 2, 1, 0)	37
14067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 3, 1, 0)	37
14071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 1, 0)	37
14075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 1, 2, 1, 0)	37
14085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 4, 0)	37
14093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 0)	37

14095	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 7, 1, 1, 1, 0)	37
14097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 3, 2, 0)	37
14111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 0)	37
14137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 2, 0)	37
14151	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 3, 1, 1, 2, 2, 1, 1, 0)	37
15611	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 0)	37
15641	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 0)	37
71	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 0)	38
143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 0)	38
285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 3, 0)	38
573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 3, 0)	38
1141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 0)	38
2095	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 0)	38
2121	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 0)	38
2151	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 0)	38
2185	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 2, 0)	38
2289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 2, 0)	38
2293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 5, 0)	38
2305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 0)	38
2313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 2, 0)	38
2315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 0)	38
2331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 1, 0)	38
2347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 0)	38
4191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 1, 1, 1, 0)	38
4207	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	38
4241	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 0)	38
4243	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 1, 0)	38
4303	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 0)	38
4371	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 3, 1, 0)	38
4565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 0)	38
4579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 0)	38

4593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 2, 0)	38
4611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 1, 0)	38
4617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 1, 2, 0)	38
4627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 0)	38
4631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 0)	38
4633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 2, 0)	38
4663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 1, 0)	38
4695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 4, 1, 1, 0)	38
4697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 0)	38
8381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 0)	38
8415	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 1, 1, 0)	38
8443	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	38
8475	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 1, 2, 1, 0)	38
8481	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 1, 2, 2, 0)	38
8483	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 1, 0)	38
8485	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 1, 4, 0)	38
8491	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 1, 0)	38
8605	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 3, 0)	38
8639	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 0)	38
8683	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 2, 1, 0)	38
8687	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	38
8703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 5, 1, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	38
8711	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 0)	38
8741	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 0)	38
8743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 0)	38
8857	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 1, 2, 0)	38
8935	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 0)	38
9157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 4, 0)	38
9173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 0)	38
9177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 1, 2, 0)	38
9187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 1, 0)	38

9221	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 4, 0)	38
9227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 0)	38
9235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 1, 0)	38
9253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 0)	38
9261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 3, 0)	38
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9267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 3, 1, 0)	38
9313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 2, 2, 0)	38
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9377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 2, 0)	38
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9389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 0)	38
9393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 4, 2, 0)	38
9395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 0)	38
9407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 0)	38
10407	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 1, 0)	38
10427	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 0)	38
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16779	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 3, 2, 1, 0)	38
16829	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 3, 0)	38
16831	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 1, 2, 1, 1, 1, 1, 1, 0)	38
16887	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 3, 1, 1, 0)	38
16923	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 4, 1, 1, 1, 1, 2, 1, 0)	38
16927	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 3, 3, 2, 2, 1, 1, 1, 1, 0)	38
16951	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 3, 1, 1, 0)	38
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16963	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 1, 4, 1, 0)	38
16965	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 4, 0)	38

16971	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 6, 2, 1, 0)	38
16973	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 0)	38
16983	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 4, 1, 1, 0)	38
16985	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 2, 0)	38
16987	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 3, 1, 2, 1, 2, 1, 2, 1, 1, 2, 1, 0)	38
17127	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 3, 1, 1, 2, 4, 2, 1, 1, 2, 1, 1, 2, 1, 1, 0)	38
17163	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 3, 2, 1, 0)	38
17213	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 3, 0)	38
17273	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 0)	38
17279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 0)	38
17289	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 4, 2, 2, 1, 2, 1, 2, 1, 1, 2, 0)	38
17311	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 1, 4, 1, 2, 1, 1, 1, 1, 0)	38
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17375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 3, 1, 1, 1, 1, 0)	38
17407	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 5, 1, 2, 1, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	38
17423	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 5, 1, 1, 1, 0)	38
17433	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 3, 1, 2, 0)	38
17449	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 3, 2, 1, 1, 1, 1, 2, 0)	38
17485	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 3, 3, 0)	38
17487	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 3, 1, 1, 1, 0)	38
17489	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 0)	38
17499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 4, 2, 2, 2, 2, 1, 1, 2, 1, 1, 2, 1, 0)	38
17713	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 4, 2, 0)	38
17715	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 3, 1, 0)	38
17735	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 2, 2, 1, 1, 0)	38
17871	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 3, 1, 1, 1, 0)	38
18215	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 0)	38
18261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 9, 0)	38
18317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 3, 0)	38
18353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 2, 0)	38
18355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 3, 1, 0)	38

18373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 4, 0)	38
18393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 7, 1, 2, 0)	38
18445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 3, 0)	38
18449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 3, 2, 0)	38
18455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 5, 1, 1, 0)	38
18469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 1, 4, 0)	38
18509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 3, 0)	38
18513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 3, 2, 0)	38
18525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 3, 0)	38
18531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 6, 1, 0)	38
18533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 4, 0)	38
18561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 1, 2, 2, 2, 0)	38
18625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 2, 2, 0)	38
18627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 4, 1, 0)	38
18649	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 5, 1, 2, 0)	38
18653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 3, 0)	38
18699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 2, 3, 2, 1, 0)	38
18703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 6, 1, 1, 1, 0)	38
18755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 0)	38
18761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 1, 2, 0)	38
18767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 0)	38
18781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 4, 1, 3, 0)	38
18787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 0)	38
18789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 4, 0)	38
18793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 7, 1, 1, 1, 2, 0)	38
18799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 7, 1, 2, 1, 1, 1, 0)	38
18811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 2, 2, 2, 1, 2, 1, 0)	38
18815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 5, 1, 1, 1, 1, 1, 1, 0)	38
18849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 2, 2, 0)	38
18859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 2, 2, 1, 0)	38
18879	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 3, 3, 3, 2, 1, 1, 2, 1, 1, 1, 1, 1, 0)	38

47	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 0)	39
95	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 0)	39
189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 3, 0)	39
381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 3, 0)	39
757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 0)	39
1521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 2, 0)	39
1525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 0)	39
1543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 0)	39
2793	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 2, 0)	39
2827	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 0)	39
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3073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 0)	39
3087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 1, 0)	39
3129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 2, 0)	39
3131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 0)	39
5587	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 1, 0)	39
5609	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 0)	39
5655	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 1, 1, 0)	39
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5737	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 0)	39
5759	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	39
5791	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	39
5807	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 0)	39
5827	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 0)	39
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6105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 2, 0)	39
6115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 0)	39

6147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 4, 1, 0)	39
6151	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 0)	39
6169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 0)	39
6173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 0)	39
6177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 2, 2, 0)	39
6217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 1, 2, 0)	39
6251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 2, 1, 0)	39
6255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 1, 2, 1, 1, 1, 0)	39
6259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 0)	39
6263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 0)	39
6271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 1, 0)	39
6951	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 1, 0)	39
11163	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 6, 1, 1, 1, 2, 1, 0)	39
11173	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 0)	39
11219	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 3, 1, 0)	39
11257	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 0)	39
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11309	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 3, 0)	39
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11473	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 3, 2, 0)	39
11475	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 3, 1, 0)	39
11515	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 0)	39
11519	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	39
11577	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 2, 1, 2, 0)	39
11583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 3, 1, 1, 1, 1, 1, 0)	39
11615	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 5, 1, 1, 1, 1, 0)	39
11653	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 2, 4, 0)	39
11657	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 0)	39

11659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 0)	39
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11823	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 2, 2, 1, 1, 1, 0)	39
11913	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 0)	39
12117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 9, 0)	39
12143	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 0)	39
12173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 3, 0)	39
12209	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 4, 2, 0)	39
12211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 3, 1, 0)	39
12229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 5, 4, 0)	39
12235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 2, 1, 0)	39
12249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 1, 2, 0)	39
12293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 4, 0)	39
12299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 3, 2, 1, 0)	39
12303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 5, 1, 1, 1, 0)	39
12313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 1, 2, 0)	39
12337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 2, 0)	39
12339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 3, 1, 0)	39
12349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 3, 0)	39
12353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 2, 2, 0)	39
12355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 4, 1, 0)	39
12417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 2, 2, 2, 0)	39
12433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 0)	39
12435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 3, 1, 0)	39
12503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 1, 0)	39
12507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 1, 2, 1, 0)	39
12511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 1, 0)	39
12517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 4, 0)	39
12525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 3, 0)	39
12543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 5, 1, 1, 1, 1, 1, 1, 1, 0)	39
13903	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 3, 1, 1, 1, 0)	39

31	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 0)	40
63	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 0)	40
125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 0)	40
253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 0)	40
501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 5, 0)	40
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1013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 0)	40
2005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 0)	40
2019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 1, 0)	40
2033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 0)	40
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2087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 0)	40
3739	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 0)	40
3769	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 0)	40
3771	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 1, 2, 1, 0)	40
3839	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	40
3871	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 0)	40
4037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 0)	40
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4097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 0)	40
4115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 0)	40
4167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 0)	40
4175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 0)	40
7449	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 1, 2, 0)	40
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7539	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 3, 1, 0)	40
7543	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 0)	40
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7649	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 2, 0)	40

7679	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	40
7721	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 0)	40
7743	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 5, 1, 1, 1, 1, 1, 0)	40
7769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 0)	40
7771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 0)	40
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8095	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 0)	40
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8115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 3, 1, 0)	40
8133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 4, 0)	40
8139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 4, 2, 1, 0)	40
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8225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 0)	40
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14897	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 0)	40
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14959	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 3, 1, 1, 2, 3, 1, 1, 3, 1, 1, 1, 2, 2, 1, 2, 1, 1, 1, 0)	40
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15067	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 3, 1, 1, 2, 1, 0)	40
15077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 4, 0)	40
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15095	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 3, 1, 1, 0)	40
15097	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 2, 1, 2, 0)	40
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15103	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 4, 3, 2, 1, 1, 1, 1, 1, 1, 1, 0)	40
15215	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 3, 1, 2, 1, 1, 1, 0)	40
15297	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 3, 2, 2, 0)	40
15299	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 0)	40
15353	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 0)	40
15357	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 3, 0)	40
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15443	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 0)	40
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15535	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 3, 2, 1, 1, 1, 0)	40
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15539	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 3, 1, 0)	40
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15545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 0)	40
15745	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 1, 2, 2, 2, 0)	40
16149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 6, 0)	40
16191	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 3, 1, 1, 1, 1, 1, 0)	40
16213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 0)	40
16227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 6, 1, 0)	40
16229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 4, 0)	40
16269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 3, 0)	40
16279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 6, 1, 1, 0)	40
16281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 3, 1, 2, 0)	40

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16307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 0)	40
16313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 2, 1, 2, 0)	40
16315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 3, 1, 2, 1, 0)	40
16331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 4, 2, 1, 0)	40
16389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 4, 0)	40
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16399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 5, 1, 1, 1, 0)	40
16403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 3, 1, 0)	40
16417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 1, 2, 2, 0)	40
16449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 2, 2, 0)	40
16451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 4, 1, 0)	40
16461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 3, 0)	40
16465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 3, 2, 0)	40
16471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 4, 1, 1, 0)	40
16473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 4, 1, 2, 0)	40
16555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 2, 2, 2, 1, 0)	40
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16681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 1, 2, 0)	40
16687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 1, 3, 2, 2, 2, 2, 1, 1, 1, 0)	40
16689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 4, 2, 0)	40
16691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 3, 1, 0)	40
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16763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 2, 2, 1, 2, 1, 0)	40
17007	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 1, 4, 2, 2, 1, 2, 1, 1, 1, 0)	40
18537	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 3, 1, 1, 1, 2, 0)	40
41	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 0)	41

83	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 0)	41
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661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 0)	41
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1345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 0)	41
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1391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 0)	41
2559	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	41
2645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 0)	41
2673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 2, 0)	41
2691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 1, 0)	41
2701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 0)	41
2711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 0)	41
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2743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 0)	41
2783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 0)	41
4985	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 0)	41
5025	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 2, 0)	41
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5147	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	41
5161	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 2, 0)	41
5179	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 0)	41
5333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 7, 0)	41
5347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 0)	41

5381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 0)	41
5397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 6, 0)	41
5409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 2, 2, 0)	41
5421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 3, 0)	41
5435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 0)	41
5463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 4, 1, 1, 0)	41
5467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 0)	41
5483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 0)	41
5485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 3, 0)	41
5563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 0)	41
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9931	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 1, 0)	41
9971	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 0)	41
10051	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 4, 1, 0)	41
10057	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 0)	41
10063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 3, 1, 1, 1, 0)	41
10143	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 3, 1, 2, 1, 1, 1, 1, 0)	41
10199	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 0)	41
10235	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 0)	41
10237	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 0)	41
10295	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 0)	41
10323	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 3, 1, 0)	41
10351	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 0)	41
10359	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 3, 1, 1, 0)	41
10361	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 0)	41
10363	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 0)	41
10581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 10, 0)	41
10693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 4, 0)	41
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10769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 3, 2, 0)	41
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7053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 3, 0)	42
7109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 0)	42
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7173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 4, 0)	42
7179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 3, 2, 1, 0)	42
7189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 0)	42
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7229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 0)	42
7247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 0)	42
7283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 0)	42
7289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 0)	42
7311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 4, 1, 1, 1, 0)	42
7313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 3, 2, 0)	42
7315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 1, 0)	42
7367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 2, 1, 1, 0)	42
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7421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 3, 0)	42
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13243	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 0)	42
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13293	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 3, 0)	42
13401	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 4, 1, 2, 0)	42
13409	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 0)	42
13417	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 0)	42
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13671	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 3, 2, 1, 2, 2, 1, 1, 1, 1, 4, 2, 2, 1, 1, 1, 1, 2, 1, 1, 0)	42
13725	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 0)	42
13759	(4, 3, 2, 1, 1, 12, 1, 1, 1, 5, 1, 4, 2, 1, 1, 3, 3, 1, 1, 2, 2, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	42
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13815	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 3, 1, 1, 0)	42
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14257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 4, 2, 0)	42
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14349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 3, 0)	42
14353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 3, 2, 0)	42
14359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 5, 1, 1, 0)	42
14389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 0)	42
14391	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 3, 1, 1, 0)	42
14405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 4, 0)	42
14411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 0)	42
14423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 4, 1, 1, 0)	42
14425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 4, 1, 2, 0)	42
14453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 5, 0)	42
14471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 0)	42
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14565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 4, 0)	42
14579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 0)	42
14621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 3, 0)	42
14627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 5, 1, 0)	42
14629	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 4, 0)	42
14635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 3, 2, 2, 1, 0)	42
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14751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 2, 1, 1, 4, 2, 1, 2, 1, 1, 1, 1, 0)	42
14817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 2, 2, 0)	42
14823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 3, 1, 1, 2, 1, 1, 0)	42
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14837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 5, 0)	42
14843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 0)	42
15519	(4, 9, 4, 2, 1, 1, 2, 1, 2, 6, 3, 4, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 5, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	42
16551	(10, 5, 2, 4, 2, 1, 2, 2, 3, 2, 4, 1, 1, 2, 1, 2, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	42
73	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 0)	43
145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 0)	43
147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 0)	43
291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 1, 0)	43
293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 0)	43
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589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 0)	43
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1165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 0)	43
1173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 6, 0)	43
1175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 0)	43
1195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 0)	43

1197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 3, 0)	43
2215	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 0)	43
2287	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	43
2325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 6, 0)	43
2349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 3, 0)	43
2357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 0)	43
2369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 0)	43
2391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 1, 1, 0)	43
2397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 3, 0)	43
2409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 1, 2, 0)	43
2415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 1, 0)	43
2427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 2, 1, 0)	43
2473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 0)	43
4431	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 0)	43
4575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 1, 0)	43
4587	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 2, 2, 1, 0)	43
4603	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 0)	43
4661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 0)	43
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4855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 0)	43
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8939	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 0)	43
9065	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 0)	43
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9207	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 3, 1, 1, 0)	43
9209	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 0)	43
9211	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 1, 0)	43
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9747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 3, 1, 0)	43
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9753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 1, 2, 0)	43
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9889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 2, 2, 0)	43
9891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 5, 1, 0)	43
9893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 0)	43
9895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 0)	43
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17725	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 3, 0)	43
17855	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	43
17867	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 4, 2, 1, 0)	43
17879	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 4, 1, 1, 0)	43
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17895	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 3, 1, 2, 1, 2, 1, 2, 1, 1, 2, 3, 1, 1, 2, 1, 1, 0)	43
17899	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 4, 3, 2, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	43
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18131	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 3, 1, 0)	43
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18199	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 5, 1, 1, 0)	43
18201	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 0)	43
18301	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 3, 0)	43
18345	(4, 3, 2, 1, 1, 12, 1, 1, 1, 5, 1, 4, 2, 1, 1, 3, 3, 1, 1, 2, 2, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	43

18349	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 2, 2, 3, 0)	43
18367	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 3, 1, 1, 5, 1, 2, 1, 1, 1, 1, 1, 0)	43
18401	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 2, 2, 0)	43
18411	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 3, 2, 1, 1, 1, 2, 2, 1, 0)	43
18413	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 0)	43
18419	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 3, 1, 0)	43
18423	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 3, 1, 1, 0)	43
18645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 7, 0)	43
18659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 11, 1, 0)	43
18683	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 1, 2, 1, 0)	43
18773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 10, 0)	43
18801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 6, 2, 0)	43
18805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 5, 0)	43
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19009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 4, 2, 2, 0)	43
19011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 4, 1, 0)	43
19125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 5, 0)	43
19137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 3, 2, 2, 0)	43
19145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 5, 1, 1, 2, 0)	43
19157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 7, 0)	43
19171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 8, 1, 0)	43
19185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 2, 0)	43
19187	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 0)	43
19205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 0)	43
19215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 11, 1, 1, 1, 0)	43
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19233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 4, 1, 2, 2, 0)	43
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19275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 5, 2, 1, 0)	43
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19295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 6, 1, 1, 1, 1, 0)	43
19325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 0)	43
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19421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 3, 0)	43
19431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 5, 1, 1, 2, 1, 1, 0)	43
19435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 5, 1, 1, 1, 2, 2, 1, 0)	43
19437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 3, 0)	43
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19495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 4, 1, 2, 1, 1, 0)	43
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19503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 5, 1, 2, 2, 1, 1, 1, 0)	43
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193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 0)	44
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387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 1, 0)	44
389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 0)	44
391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 0)	44
399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 1, 0)	44
773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 0)	44
781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 0)	44
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1549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 0)	44
1553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 0)	44
1557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 6, 0)	44
1565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 0)	44
1571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 0)	44
1579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 0)	44
1593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 2, 0)	44
1597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 0)	44
2953	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 0)	44
3049	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	44
3093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 6, 0)	44
3107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 0)	44
3125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 0)	44
3133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 0)	44
3141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 4, 0)	44
3147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 2, 1, 0)	44
3159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 1, 1, 0)	44
3187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 0)	44
3189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 5, 0)	44
3211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 1, 0)	44
3239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 0)	44
3297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 2, 0)	44

5887	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	44
5907	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 3, 1, 0)	44
5959	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 0)	44
6043	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 0)	44
6099	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 3, 1, 0)	44
6137	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 0)	44
6139	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 0)	44
6197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 5, 0)	44
6213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 4, 0)	44
6219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 1, 0)	44
6229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 8, 0)	44
6257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 0)	44
6261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 5, 0)	44
6285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 3, 0)	44
6295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 1, 0)	44
6317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 0)	44
6373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 4, 0)	44
6385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 0)	44
6389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 0)	44
6395	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 1, 2, 1, 0)	44
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6409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 0)	44
6423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 5, 1, 1, 0)	44
6425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 0)	44
6431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 1, 0)	44
6441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 1, 2, 0)	44
6473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 0)	44
6479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 0)	44
6497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 0)	44
6593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 2, 2, 0)	44
6595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 1, 0)	44

11769	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 1, 2, 1, 2, 0)	44
11771	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 0)	44
11775	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	44
11813	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 4, 0)	44
11903	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	44
11911	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 4, 2, 1, 1, 0)	44
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12087	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 3, 1, 1, 0)	44
12129	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 2, 2, 0)	44
12197	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 0)	44
12233	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 2, 0)	44
12267	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 2, 2, 1, 0)	44
12275	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 0)	44
12279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 3, 1, 1, 0)	44
12281	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 1, 2, 0)	44
12373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 8, 0)	44
12401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 0)	44
12429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 3, 0)	44
12439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 11, 1, 1, 0)	44
12455	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	44
12501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 7, 0)	44
12515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 10, 1, 0)	44
12529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 5, 2, 0)	44
12533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 5, 0)	44
12565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 6, 0)	44
12589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 2, 3, 0)	44
12637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 1, 3, 0)	44
12673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 2, 2, 2, 0)	44
12749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 3, 0)	44
12753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 1, 3, 2, 0)	44
12757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 0)	44

12763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 5, 1, 1, 2, 1, 0)	44
12771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 7, 1, 0)	44
12785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 5, 2, 0)	44
12791	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 0)	44
12803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 1, 0)	44
12809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 0)	44
12819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 3, 1, 0)	44
12845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 0)	44
12849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 1, 4, 2, 0)	44
12851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 1, 0)	44
12863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 6, 1, 1, 1, 1, 1, 0)	44
12881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 0)	44
12883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 1, 0)	44
12903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 6, 1, 1, 1, 2, 1, 1, 0)	44
12945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 2, 3, 2, 0)	44
12947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 3, 1, 0)	44
12957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 3, 0)	44
12995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 4, 1, 0)	44
13001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 5, 1, 1, 2, 0)	44
13003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 4, 2, 1, 0)	44
13097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 0)	44
13179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 0)	44
13185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 2, 2, 2, 0)	44
13187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 4, 1, 0)	44
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2069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 0)	45
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2093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 0)	45
2105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 0)	45
2125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 0)	45
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4091	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 1, 0)	45
4117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 0)	45
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4141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 0)	45
4149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 5, 0)	45
4165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 4, 0)	45

4171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 0)	45
4173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 3, 0)	45
4177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 0)	45
4189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 0)	45
4211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 0)	45
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4263	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	45
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8155	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 2, 1, 0)	45
8183	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 0)	45
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16525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 5, 3, 0)	45
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16565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 5, 0)	45
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17133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 3, 0)	45
17149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 1, 3, 0)	45
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1439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	46
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2741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 0)	46
2753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 0)	46
2757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 4, 0)	46
2761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 0)	46
2765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 0)	46
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2829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 3, 0)	46
2833	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 2, 0)	46
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2887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 1, 0)	46
5231	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 0)	46
5249	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 0)	46
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5455	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 0)	46
5489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 0)	46
5493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 5, 0)	46
5507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 0)	46
5511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 1, 0)	46
5517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 3, 0)	46
5521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 0)	46
5523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 3, 1, 0)	46

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5535	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	46
5553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 4, 2, 0)	46
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5557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 0)	46
5561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 0)	46
5569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 2, 0)	46
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5585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 2, 0)	46
5595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 1, 2, 1, 0)	46
5613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 3, 0)	46
5653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 0)	46
5665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 0)	46
5667	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 5, 1, 0)	46
5675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 0)	46
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10913	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 2, 2, 0)	46
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11107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 0)	46
11109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 4, 0)	46
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11229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 3, 0)	46
11317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 5, 0)	46
11329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 4, 2, 2, 0)	46
11331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 4, 1, 0)	46
11333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 0)	46
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11351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 0)	46
11357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 0)	46
11369	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 1, 2, 0)	46
11379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 1, 0)	46
11385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 1, 2, 0)	46
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11417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 1, 2, 0)	46
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11433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 6, 1, 1, 1, 1, 1, 1, 2, 0)	46
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11559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 3, 1, 2, 1, 1, 0)	46
11567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 4, 1, 1, 2, 2, 2, 1, 1, 1, 0)	46
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11721	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 4, 1, 1, 2, 0)	46
11723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 4, 2, 1, 0)	46
11727	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 3, 1, 1, 1, 0)	46
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913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 0)	47
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919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 0)	47
921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 2, 0)	47
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929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 0)	47
935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 0)	47
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3487	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 0)	47
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3671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 0)	47
3677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 0)	47
3681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 2, 0)	47
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3701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 0)	47
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3717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 4, 0)	47

3723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 2, 1, 0)	47
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6975	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 3, 1, 1, 1, 1, 1, 0)	47
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7161	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 1, 2, 0)	47
7227	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 1, 2, 1, 0)	47
7273	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 0)	47
7275	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 2, 2, 1, 0)	47
7309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 3, 0)	47
7317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 6, 0)	47
7319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 0)	47
7341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 3, 0)	47
7349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 0)	47
7361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 0)	47
7363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 4, 1, 0)	47
7365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 4, 0)	47
7373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 0)	47
7405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 2, 3, 0)	47
7409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 0)	47
7413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 5, 0)	47
7415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 0)	47
7425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 2, 2, 0)	47
7437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 3, 0)	47

7441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 3, 2, 0)	47
7447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 0)	47
7485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 3, 0)	47
7537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 0)	47
7541	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 0)	47
7553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 0)	47
7555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 0)	47
7559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 0)	47
7567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 1, 0)	47
7569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 2, 3, 2, 0)	47
7571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 0)	47
7579	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 1, 2, 1, 0)	47
7585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 2, 2, 0)	47
7595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 0)	47
7611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 1, 2, 1, 0)	47
7613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 0)	47
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14857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 5, 2, 1, 1, 2, 0)	47
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14883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 5, 1, 0)	47

14891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 6, 2, 2, 1, 0)	47
14893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 2, 3, 0)	47
14921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 0)	47
14965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 5, 0)	47
15019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 2, 2, 2, 2, 2, 1, 0)	47
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15075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 8, 1, 0)	47
15089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 5, 2, 0)	47
15105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 4, 2, 2, 2, 0)	47
15107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 4, 1, 0)	47
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15139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 2, 5, 1, 0)	47
15141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 4, 0)	47
15159	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 3, 1, 1, 0)	47
15171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 4, 1, 0)	47
15191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 0)	47
15195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 2, 4, 2, 2, 1, 1, 2, 1, 0)	47
15223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 3, 1, 1, 0)	47
15229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 1, 1, 1, 3, 0)	47
15243	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 1, 3, 2, 1, 0)	47
15265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 1, 2, 2, 0)	47
15341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 3, 0)	47
15349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 0)	47
15355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 5, 1, 1, 1, 2, 2, 1, 2, 1, 2, 1, 0)	47
15397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 1, 4, 0)	47
15423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 4, 1, 1, 2, 4, 1, 1, 1, 1, 1, 0)	47
15463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 9, 3, 1, 1, 2, 3, 2, 1, 1, 2, 1, 1, 1, 2, 1, 1, 0)	47
15521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 2, 2, 0)	47
15627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 2, 2, 3, 2, 1, 0)	47

15631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 6, 1, 1, 1, 0)	47
15635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 3, 1, 0)	47
313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 0)	48
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619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 0)	48
623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 0)	48
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1219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 0)	48
1223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 0)	48
1225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 0)	48
1227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 1, 0)	48
1233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 2, 0)	48
1235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 0)	48
1239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 1, 0)	48

1247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 0)	48
1253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 0)	48
1279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 0)	48
2435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 0)	48
2437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 0)	48
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2447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 0)	48
2449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 0)	48
2451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 1, 0)	48
2455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 1, 0)	48
2457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 2, 0)	48
2467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 0)	48
2469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 4, 0)	48
2471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 0)	48
2477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 0)	48
2493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 3, 0)	48

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2523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 1, 0)	48
2537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 0)	48
2557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 0)	48
4649	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 0)	48
4665	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 1, 2, 0)	48
4869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 4, 0)	48
4877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 0)	48
4879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 0)	48
4881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 3, 2, 0)	48
4893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 3, 0)	48
4899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 1, 0)	48
4901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 0)	48
4907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 0)	48
4909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 0)	48

4913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 0)	48
4915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 1, 0)	48
4933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 4, 0)	48
4937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 0)	48
4939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 1, 0)	48
4941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 3, 0)	48
4943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 0)	48
4957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 3, 0)	48
4989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 3, 0)	48
5013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 6, 0)	48
5027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 0)	48
5035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 0)	48
5039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 0)	48
5047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 1, 0)	48
5063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 0)	48
5075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 0)	48

5113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 0)	48
5117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 0)	48
5211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 2, 1, 0)	48
9299	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 0)	48
9331	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 3, 1, 0)	48
9583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 1, 0)	48
9639	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 3, 2, 1, 2, 1, 1, 0)	48
9697	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 2, 0)	48
9703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 0)	48
9741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 3, 0)	48
9745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 3, 2, 0)	48
9749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 0)	48
9757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 3, 0)	48
9763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 5, 1, 0)	48
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9789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 3, 0)	48

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10105	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 1, 2, 1, 2, 0)	48
10113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 2, 2, 2, 0)	48
10127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 0)	48

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18847	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 5, 4, 2, 1, 1, 2, 1, 1, 1, 3, 2, 1, 2, 1, 1, 1, 1, 0)	48
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19167	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 3, 1, 1, 1, 1, 0)	48
19183	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 2, 3, 2, 1, 1, 4, 2, 1, 1, 1, 2, 1, 1, 1, 0)	48

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19329	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 2, 2, 0)	48
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19517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 3, 0)	48
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19543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 0)	48
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19595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 0)	48

19597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 3, 0)	48
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19633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 4, 2, 0)	48
19635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 4, 3, 1, 0)	48
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3251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 0)	49
3261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 3, 0)	49
3265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 2, 0)	49
3267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 1, 0)	49
3271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 0)	49
3273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 1, 2, 0)	49
3275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 0)	49
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3291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 1, 0)	49
3293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 0)	49
3295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 0)	49
3301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 4, 0)	49
3325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 0)	49
3341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 0)	49
3345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 3, 2, 0)	49
3351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 1, 0)	49
3359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 0)	49
3375	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 1, 0)	49
3383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 0)	49
3409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 2, 0)	49
3411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 1, 0)	49
6199	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 0)	49
6493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 0)	49
6499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 1, 0)	49

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6505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 2, 0)	49
6525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 3, 0)	49
6531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 4, 1, 0)	49
6533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 0)	49
6535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 1, 0)	49
6543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 4, 1, 1, 1, 0)	49
6545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 0)	49
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6585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 1, 2, 0)	49

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6605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 0)	49
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6631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 1, 1, 0)	49
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13071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 8, 1, 1, 1, 0)	49
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13105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 0)	49
13107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 3, 1, 0)	49

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13165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 3, 0)	49
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13171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 3, 1, 0)	49
13173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 5, 0)	49
13181	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 3, 0)	49
13205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 6, 0)	49
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13231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 7, 2, 1, 1, 1, 0)	49
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13297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 0)	49
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13365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 5, 0)	49

13381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 3, 4, 0)	49
13387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 0)	49
13399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 4, 1, 1, 0)	49
13405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 0)	49
13427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 3, 1, 0)	49
13431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 3, 1, 1, 0)	49
13437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 3, 0)	49
13451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 3, 2, 1, 0)	49
13457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 3, 2, 0)	49
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13501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 3, 0)	49
13531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 3, 1, 1, 2, 1, 0)	49
13533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 3, 0)	49
13635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 4, 1, 0)	49

13637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 0)	49
13643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 2, 1, 0)	49
13645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 3, 0)	49
13687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 3, 1, 1, 0)	49
13895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 0)	49
13897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 3, 1, 1, 2, 0)	49
543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 1, 0)	50
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1081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 0)	50
1083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 1, 0)	50
1087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 0)	50
1097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 0)	50
1107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 1, 0)	50
1113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 2, 0)	50
1127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 0)	50
2163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 1, 0)	50

2167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 1, 0)	50
2173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 0)	50
2177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 0)	50
2183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 0)	50
2193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 3, 2, 0)	50
2195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 0)	50
2201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 0)	50
2213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 0)	50
2225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 0)	50
2227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 0)	50
2233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 0)	50
2239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 1, 0)	50
2255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 0)	50
2273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	50
4325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 0)	50
4333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 0)	50

4349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 0)	50
4353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 2, 2, 0)	50
4355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 0)	50
4361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 2, 0)	50
4363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 0)	50
4367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 0)	50
4385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 0)	50
4387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 0)	50
4389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 4, 0)	50
4393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 0)	50
4401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 4, 2, 0)	50
4403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 0)	50
4429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 0)	50
4433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 0)	50
4451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 1, 0)	50
4453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 4, 0)	50

4467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 3, 1, 0)	50
4475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 0)	50
4479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 9, 1, 1, 1, 1, 1, 1, 0)	50
4509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 3, 0)	50
4545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 2, 2, 0)	50
4547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 0)	50
8265	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 2, 0)	50
8359	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	50
8487	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 3, 1, 2, 1, 1, 0)	50
8619	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 2, 2, 1, 0)	50
8653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 3, 0)	50
8657	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 0)	50
8665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 1, 2, 0)	50
8669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 0)	50
8673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 2, 2, 0)	50
8693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 0)	50

8707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 0)	50
8709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 4, 0)	50
8713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 1, 2, 0)	50
8715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 3, 2, 1, 0)	50
8723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 0)	50
8727	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 5, 1, 1, 0)	50
8729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 0)	50
8733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 3, 0)	50
8735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 2, 2, 1, 1, 1, 1, 0)	50
8737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 1, 2, 2, 0)	50
8769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 4, 2, 2, 0)	50
8771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 4, 1, 0)	50
8773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 3, 4, 0)	50
8775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 2, 2, 1, 1, 0)	50
8777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 0)	50
8779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 6, 2, 1, 0)	50

8781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 3, 0)	50
8785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 0)	50
8787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 3, 1, 0)	50
8803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 6, 1, 0)	50
8805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 4, 0)	50
8825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 1, 2, 0)	50
8841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 1, 1, 2, 0)	50
8853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 6, 0)	50
8867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 0)	50
8901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 4, 0)	50
8909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 0)	50
8921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 0)	50
8933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 4, 0)	50
8951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 3, 1, 1, 0)	50
8953	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 0)	50
8957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 0)	50

8967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 3, 2, 1, 1, 0)	50
8971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 3, 2, 1, 0)	50
8991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 1, 3, 2, 1, 1, 1, 1, 0)	50
9001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 0)	50
9021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 3, 0)	50
9089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 0)	50
9091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 1, 0)	50
9093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 4, 0)	50
9095	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 2, 1, 1, 0)	50
9263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 0)	50
16529	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 0)	50
16531	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 3, 1, 0)	50
16539	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 2, 1, 0)	50
16559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 3, 2, 1, 1, 1, 0)	50
16587	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 1, 4, 2, 1, 0)	50
16711	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 4, 3, 1, 3, 1, 1, 2, 1, 1, 1, 1, 2, 2, 1, 1, 0)	50

16719	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 0)	50
16975	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 3, 3, 1, 1, 1, 0)	50
17051	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 2, 3, 2, 1, 1, 4, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 0)	50
17131	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 0)	50
17183	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 3, 1, 3, 2, 1, 1, 1, 1, 0)	50
17191	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 5, 5, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 1, 3, 1, 2, 1, 1, 1, 1, 1, 3, 1, 2, 1, 1, 0)	50
17239	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 4, 1, 1, 0)	50
17249	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 2, 2, 0)	50
17301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 6, 0)	50
17315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 5, 1, 0)	50
17327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 0)	50
17329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 0)	50
17331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 3, 1, 0)	50
17333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 0)	50
17345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 3, 2, 2, 0)	50
17347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 4, 1, 0)	50

17355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 3, 4, 2, 1, 0)	50
17371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 2, 1, 0)	50
17393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 5, 2, 0)	50
17397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 5, 0)	50
17413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 2, 4, 0)	50
17417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 1, 2, 0)	50
17419	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 3, 2, 1, 0)	50
17421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 3, 0)	50
17425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 0)	50
17427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 3, 1, 0)	50
17431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 5, 1, 1, 0)	50
17445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 4, 0)	50
17451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 4, 2, 2, 1, 0)	50
17453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 3, 0)	50
17457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 1, 4, 2, 0)	50
17459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 0)	50

17469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 3, 0)	50
17471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 4, 1, 1, 1, 1, 1, 0)	50
17473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 2, 0)	50
17475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 1, 4, 1, 0)	50
17539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 4, 4, 1, 0)	50
17541	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 4, 0)	50
17549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 3, 0)	50
17551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 4, 1, 1, 1, 0)	50
17553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 3, 2, 0)	50
17555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 3, 1, 0)	50
17557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 6, 0)	50
17559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 1, 0)	50
17561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 3, 1, 2, 0)	50
17571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 5, 1, 0)	50
17573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 4, 0)	50
17579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 5, 2, 2, 2, 1, 0)	50

17599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 0)	50
17605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 4, 4, 0)	50
17613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 3, 0)	50
17625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 5, 1, 2, 0)	50
17641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 7, 2, 1, 1, 1, 2, 0)	50
17651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 0)	50
17683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 1, 3, 1, 0)	50
17717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 5, 0)	50
17729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 0)	50
17733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 4, 0)	50
17739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 5, 2, 1, 0)	50
17805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 3, 0)	50
17813	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 0)	50
17841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 3, 4, 2, 0)	50
17843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 3, 1, 0)	50
17849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 2, 0)	50

17865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 4, 1, 1, 2, 0)	50
17869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 3, 3, 0)	50
17873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 0)	50
17883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 7, 1, 1, 2, 1, 0)	50
17901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 3, 0)	50
17907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 3, 1, 0)	50
17917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 9, 1, 1, 1, 1, 1, 3, 0)	50
17935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 5, 1, 1, 1, 0)	50
17943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 5, 1, 1, 0)	50
17945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 0)	50
17951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 2, 2, 1, 1, 1, 1, 0)	50
17979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 2, 4, 1, 2, 1, 0)	50
17983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 1, 5, 1, 1, 1, 1, 1, 0)	50
17991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 2, 2, 1, 1, 0)	50
18001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 3, 2, 0)	50
18003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 3, 1, 0)	50

18037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 5, 0)	50
18041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 3, 1, 1, 2, 1, 2, 0)	50
18091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 1, 2, 2, 2, 2, 1, 0)	50
18095	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 1, 2, 3, 2, 1, 1, 1, 0)	50
18179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 4, 1, 0)	50
18181	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 2, 4, 0)	50
18183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 3, 1, 3, 2, 1, 1, 0)	50
18189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 3, 0)	50
18191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 0)	50
18193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 3, 2, 0)	50
18249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 3, 1, 1, 2, 0)	50
18395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 1, 2, 1, 0)	50
18523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 3, 1, 5, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	50
18527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 4, 1, 1, 1, 1, 0)	50
18529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 3, 1, 1, 2, 2, 0)	50
18559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 0)	50

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737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 0)	51
751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	51
1441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 0)	51
1449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 2, 0)	51
1451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 0)	51
1455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 1, 0)	51
1463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 0)	51
1467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 1, 0)	51
1475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 0)	51
1483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 0)	51
1503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 1, 0)	51
1515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	51
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2889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 1, 2, 0)	51

2897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 0)	51
2899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 0)	51
2903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 0)	51
2907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 2, 1, 0)	51
2911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 0)	51
2923	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 1, 0)	51
2925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 3, 0)	51
2935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 0)	51
2949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 4, 0)	51
2955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 1, 0)	51
2967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 1, 1, 0)	51
2969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 0)	51
2977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 2, 0)	51
2983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 0)	51
2985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 1, 2, 0)	51
3005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 0)	51

3031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 0)	51
5765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 4, 0)	51
5771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 0)	51
5777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 0)	51
5779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 0)	51
5795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 0)	51
5797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 4, 0)	51
5805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 3, 0)	51
5815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 0)	51
5817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 2, 0)	51
5819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 1, 0)	51
5821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 3, 0)	51
5823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 2, 2, 1, 1, 1, 1, 1, 0)	51
5847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 4, 1, 1, 0)	51
5849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 0)	51
5851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 1, 2, 1, 0)	51

5853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 3, 0)	51
5857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 2, 0)	51
5869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 0)	51
5883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 1, 2, 1, 0)	51
5901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 3, 0)	51
5905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 2, 0)	51
5911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 1, 0)	51
5933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 0)	51
5937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 4, 2, 0)	51
5939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 0)	51
5947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 1, 0)	51
5955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 4, 1, 0)	51
5967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 3, 1, 1, 1, 0)	51
5971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 1, 0)	51
6013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 0)	51
6059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 0)	51

6061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 0)	51
6063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 2, 1, 1, 1, 0)	51
6175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 1, 0)	51
11019	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 1, 0)	51
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11767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 0)	51
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11811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 5, 1, 0)	51
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11877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 4, 0)	51
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11899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 2, 1, 0)	51
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11967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 2, 2, 1, 1, 1, 1, 1, 0)	51
12001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 0)	51
12021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 5, 0)	51
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12063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 1, 2, 3, 2, 1, 1, 1, 1, 0)	51

12119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 4, 1, 1, 0)	51
12121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 1, 2, 0)	51
12125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 0)	51
12127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 1, 0)	51
12263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 1, 2, 1, 1, 0)	51
12351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 4, 1, 1, 1, 1, 1, 0)	51
12703	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 0)	51
487	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 0)	52
491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 0)	52
967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 0)	52
975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 1, 0)	52
983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 0)	52
1001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 0)	52
1921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 0)	52
1931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 0)	52
1935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 1, 0)	52

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2003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 0)	52
3843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 4, 1, 0)	52
3847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 0)	52
3851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 0)	52
3863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 0)	52
3865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 0)	52
3869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 0)	52
3879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 1, 1, 0)	52
3881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 0)	52
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3901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 0)	52

3913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 2, 0)	52
3933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 3, 0)	52
3955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 0)	52
3959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 0)	52
3969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 2, 2, 0)	52
3977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 0)	52
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7685	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 0)	52
7691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 3, 2, 1, 0)	52
7695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 5, 1, 1, 1, 0)	52
7703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 0)	52
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7725	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 3, 0)	52

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7741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 3, 0)	52
7753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 2, 0)	52
7759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 1, 1, 0)	52
7761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 3, 2, 0)	52
7763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 3, 1, 0)	52
7795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 3, 1, 0)	52
7797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 5, 0)	52
7799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 3, 1, 1, 0)	52
7801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 2, 0)	52
7803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 6, 2, 1, 2, 1, 0)	52
7809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 2, 2, 0)	52
7825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 0)	52
7827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 3, 1, 0)	52

7861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 5, 0)	52
7873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 2, 2, 0)	52
7879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 0)	52
7881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 1, 2, 0)	52
7909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 4, 0)	52
7917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 3, 0)	52
7929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 1, 2, 0)	52
7939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 0)	52
7943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 0)	52
7955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 0)	52
7961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 1, 2, 0)	52
7975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 0)	52
8013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 3, 0)	52
8017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 2, 0)	52
8079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 4, 1, 1, 1, 0)	52
8081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 0)	52

8083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 0)	52
8175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 0)	52
8233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 1, 2, 0)	52
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15643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 0)	52
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15763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 3, 1, 0)	52
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15825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 1, 3, 2, 0)	52
15833	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 0)	52
15837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 3, 0)	52
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15865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 2, 1, 2, 0)	52
15877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 2, 4, 0)	52
15879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 3, 2, 1, 1, 0)	52
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15921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 1, 4, 2, 0)	52
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15951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 3, 1, 1, 1, 0)	52
15983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 0)	52
16001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 0)	52

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16111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 3, 1, 2, 2, 1, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 0)	52
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16161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 1, 2, 2, 0)	52
16163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 0)	52
16165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 4, 0)	52
16169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 1, 2, 0)	52
16171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 3, 2, 2, 1, 0)	52
16175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 0)	52
16351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 3, 1, 1, 1, 1, 0)	52
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16495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 2, 2, 2, 3, 1, 3, 2, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	52
16937	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 2, 0)	52
327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 1, 0)	53
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1287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 1, 0)	53
1289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 0)	53
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1309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 0)	53
1319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 0)	53
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2651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 0)	53
2669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 0)	53
5123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 0)	53
5127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 3, 2, 1, 1, 0)	53
5129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 0)	53
5135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 0)	53
5149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 3, 0)	53
5153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 2, 0)	53
5157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 4, 0)	53
5159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 0)	53
5175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 3, 1, 1, 0)	53
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5199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 3, 1, 1, 1, 0)	53
5201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 0)	53
5217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 2, 2, 0)	53

5237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 0)	53
5273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 0)	53
5277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 3, 0)	53
5295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 1, 0)	53
5303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 0)	53
5307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 1, 2, 1, 0)	53
5341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 0)	53
5385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 1, 2, 0)	53
5387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 1, 0)	53
9919	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 0)	53
10095	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 3, 1, 2, 1, 1, 1, 0)	53
10151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 0)	53
10215	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 4, 1, 1, 2, 1, 1, 0)	53
10245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 4, 0)	53
10251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 2, 1, 0)	53
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10267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 1, 2, 1, 0)	53
10269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 3, 0)	53
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10287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 2, 2, 1, 1, 1, 0)	53
10301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 0)	53
10305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 4, 2, 2, 0)	53
10307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 0)	53
10317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 3, 0)	53
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10367	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 0)	53

10389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 6, 0)	53
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10547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 0)	53

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10633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 2, 0)	53
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10667	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 0)	53
10677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 5, 0)	53
10689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 2, 2, 0)	53
10771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 3, 1, 0)	53
10775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 0)	53
10777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 2, 0)	53
10779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 1, 2, 1, 0)	53
10783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 2, 1, 1, 1, 1, 0)	53

10977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 1, 2, 2, 0)	53
11291	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 0)	53
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19625	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 1, 1, 1, 1, 2, 0)	53
19839	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 0)	53
19903	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 7, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 4, 4, 1, 3, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	53
859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 0)	54
865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 0)	54
873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 2, 0)	54
879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 1, 0)	54
889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 0)	54
1707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 1, 0)	54
1711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 0)	54
1719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 1, 0)	54
1731	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 1, 0)	54
1745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 0)	54

1747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 0)	54
1759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 0)	54
1767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 0)	54
1779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 1, 0)	54
3415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 0)	54
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3557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 0)	54
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6931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 1, 0)	54
6935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 5, 1, 1, 0)	54
6955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 2, 1, 0)	54
6981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 4, 0)	54
6987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 5, 2, 1, 0)	54
6989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 3, 0)	54
7003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 0)	54
7031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 0)	54
7037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 0)	54
7069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 0)	54
7103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 0)	54
7111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 0)	54

7117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 3, 0)	54
7121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 0)	54
7183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 0)	54
7527	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 1, 0)	54
13083	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 1, 1, 1, 1, 2, 1, 0)	54
13225	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 0)	54
13415	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 0)	54
13535	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 3, 1, 1, 1, 1, 0)	54
13661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 0)	54
13673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 1, 2, 0)	54
13677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 3, 0)	54
13689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 1, 2, 1, 2, 0)	54
13691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 1, 2, 1, 0)	54
13693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 3, 0)	54
13697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 2, 2, 0)	54
13705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 4, 1, 2, 1, 1, 2, 0)	54

13731	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 5, 1, 0)	54
13733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 0)	54
13741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 2, 3, 0)	54
13749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 5, 0)	54
13757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 3, 0)	54
13761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 3, 2, 2, 0)	54
13767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 2, 2, 1, 1, 0)	54
13783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 0)	54
13793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 1, 1, 2, 2, 0)	54
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13803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 4, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	54
13823	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	54
13845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 6, 0)	54
13857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 3, 1, 2, 2, 0)	54
13859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 0)	54
13861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 4, 0)	54

13863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 3, 6, 1, 2, 1, 1, 0)	54
13867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 5, 2, 2, 1, 0)	54
13869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 3, 0)	54
13881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 2, 2, 1, 2, 0)	54
13883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 1, 2, 1, 0)	54
13911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 4, 1, 1, 0)	54
13913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 1, 2, 0)	54
13935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 3, 2, 4, 2, 1, 2, 1, 1, 1, 0)	54
13945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 0)	54
13965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 3, 0)	54
13973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 6, 0)	54
13975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 7, 1, 1, 0)	54
14007	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 3, 1, 1, 0)	54
14009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 2, 1, 2, 0)	54
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14069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 0)	54
14073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 1, 2, 0)	54
14113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 0)	54
14121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 5, 1, 1, 1, 1, 2, 0)	54
14141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 0)	54
14153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 1, 2, 0)	54
14171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 1, 2, 1, 0)	54
14177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 2, 2, 0)	54
14183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	54
14207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 3, 1, 1, 1, 1, 1, 1, 0)	54
14223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 4, 1, 1, 1, 0)	54
14229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 6, 0)	54
14243	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 5, 1, 0)	54
14255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 0)	54
14361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 3, 1, 2, 0)	54
14365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 1, 3, 0)	54

14369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 2, 2, 0)	54
14377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 0)	54
14639	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 2, 3, 2, 2, 2, 1, 1, 1, 0)	54
14663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	54
15055	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 3, 1, 1, 1, 0)	54
1145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 0)	55
1153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 0)	55
1163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 0)	55
1185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 2, 0)	55
2279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 0)	55
2281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 0)	55
2291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 0)	55
2299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 0)	55
2307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 1, 0)	55
2311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 0)	55
2327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 0)	55

2329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 0)	55
2343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 1, 0)	55
2345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 0)	55
2371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 0)	55
4511	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 0)	55
4553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 0)	55
4559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 1, 0)	55
4563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 3, 1, 0)	55
4577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 2, 0)	55
4581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 4, 0)	55
4585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 0)	55
4599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 3, 1, 1, 0)	55
4607	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	55
4613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 0)	55
4619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 0)	55
4623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 5, 1, 1, 1, 0)	55

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4713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 1, 2, 0)	55
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4747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 0)	55
8943	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	55
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9105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 3, 2, 0)	55
9107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 1, 0)	55
9115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 1, 2, 1, 0)	55
9117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 3, 0)	55

9125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 0)	55
9127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 1, 2, 1, 1, 0)	55
9131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 2, 2, 1, 0)	55
9153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 3, 2, 2, 0)	55
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9161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 0)	55
9165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 3, 0)	55
9169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 3, 2, 0)	55
9171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 3, 1, 0)	55
9195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 1, 1, 2, 2, 1, 0)	55
9197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 0)	55
9215	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	55
9229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 0)	55
9233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 0)	55
9239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 1, 0)	55
9241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 1, 2, 0)	55

9245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 3, 0)	55
9255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 1, 2, 1, 1, 0)	55
9273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 2, 1, 2, 0)	55
9275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 1, 2, 1, 0)	55
9309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 3, 0)	55
9315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 6, 1, 0)	55
9317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 0)	55
9337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 0)	55
9339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 2, 1, 2, 1, 0)	55
9373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 3, 0)	55
9379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 0)	55
9381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 4, 0)	55
9425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 0)	55
9427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 1, 0)	55
9435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 1, 2, 1, 0)	55
9447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 1, 2, 1, 1, 0)	55

9451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 2, 2, 1, 0)	55
9455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	55
9471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 3, 1, 1, 1, 1, 1, 1, 1, 0)	55
9481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 0)	55
9485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 0)	55
9489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 3, 2, 0)	55
9495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 5, 1, 1, 0)	55
9503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 0)	55
9577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 2, 0)	55
9579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 2, 2, 1, 0)	55
9759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 2, 3, 2, 2, 2, 1, 1, 1, 1, 0)	55
9775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	55
17439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 5, 2, 3, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	55
17633	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 0)	55
17691	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 7, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 4, 4, 1, 3, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	55
17887	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 1, 1, 0)	55

17947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 3, 3, 1, 1, 1, 1, 2, 1, 0)	55
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18171	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 4, 1, 1, 2, 1, 2, 1, 0)	55
18211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 5, 1, 0)	55
18213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 4, 0)	55
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18231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 3, 1, 1, 0)	55
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18311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 5, 2, 1, 1, 0)	55
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18429	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 3, 0)	55
18431	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	55
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18467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 0)	55

18475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 1, 4, 2, 2, 1, 0)	55
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18511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 3, 1, 1, 1, 0)	55
18539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 0)	55
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18613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 5, 0)	55
18629	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 0)	55
18633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 7, 1, 1, 2, 0)	55

18637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 3, 3, 0)	55
18667	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 0)	55
18675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 3, 1, 0)	55
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18747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 6, 1, 2, 1, 0)	55
18749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 0)	55
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18763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 5, 2, 1, 0)	55
18765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 3, 0)	55
18795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 3, 1, 2, 2, 1, 0)	55
18817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 2, 0)	55
18827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 3, 2, 1, 0)	55
18851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 5, 1, 0)	55
18853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 1, 4, 0)	55
18863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 0)	55

18871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 3, 1, 1, 0)	55
18895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 3, 1, 1, 1, 0)	55
18903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 4, 1, 1, 0)	55
18911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	55
18941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 3, 0)	55
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18965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 6, 0)	55
18979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 5, 1, 0)	55
18987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 6, 2, 2, 1, 0)	55
18989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 3, 0)	55
19003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 4, 1, 2, 1, 0)	55
19007	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 0)	55
19147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 1, 4, 2, 1, 0)	55
19153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 1, 3, 2, 0)	55
19155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 3, 1, 0)	55
19159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 4, 1, 1, 0)	55

19163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 3, 1, 1, 2, 1, 0)	55
19169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 0)	55
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19615	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	55
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1563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 1, 0)	56
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3053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 0)	56
3065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 0)	56
3071	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	56
3075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 1, 0)	56
3079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 0)	56
3081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 2, 0)	56
3101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 3, 0)	56
3105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 2, 0)	56
3127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 0)	56
3161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 0)	56
6015	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 3, 1, 1, 1, 1, 1, 1, 0)	56
6071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 1, 1, 0)	56
6077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 0)	56
6083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 0)	56

6087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 2, 2, 1, 1, 0)	56
6103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 0)	56
6107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 1, 0)	56
6109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 3, 0)	56
6113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 0)	56
6131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 0)	56
6143	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	56
6149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 0)	56
6155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 0)	56
6159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 1, 1, 0)	56
6163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 3, 1, 0)	56
6183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 1, 2, 1, 1, 0)	56
6205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 0)	56
6209	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 0)	56
6211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 0)	56
6249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 1, 2, 0)	56

6253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 3, 0)	56
6283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 1, 0)	56
6303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	56
6313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	56
6321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 4, 2, 0)	56
6323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 0)	56
6329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 0)	56
6335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 0)	56
11755	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 0)	56
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12153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 1, 2, 1, 2, 0)	56
12157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 1, 3, 0)	56
12165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 4, 0)	56
12169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 1, 2, 1, 1, 2, 0)	56
12171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 3, 2, 1, 0)	56

12175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 4, 1, 1, 1, 0)	56
12199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 0)	56
12205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 2, 3, 0)	56
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12213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 5, 0)	56
12215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 3, 1, 1, 0)	56
12225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 3, 2, 2, 0)	56
12227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 4, 1, 0)	56
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12321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 1, 2, 2, 0)	56
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12359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 0)	56
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12405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 5, 0)	56
12419	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 0)	56
12421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 4, 0)	56
12449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 0)	56
12497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 3, 2, 0)	56
12499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 1, 0)	56
12505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 2, 0)	56
12509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 3, 0)	56

12551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 3, 2, 1, 1, 0)	56
12567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 5, 1, 1, 0)	56
12569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 1, 2, 0)	56
12575	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 0)	56
12601	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 2, 2, 1, 2, 0)	56
12607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	56
12627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 3, 1, 0)	56
12641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 0)	56
12643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 6, 1, 0)	56
12645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 4, 0)	56
12659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 3, 1, 0)	56
12671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 1, 0)	56
12769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 2, 2, 0)	56
12775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 3, 1, 1, 2, 1, 1, 0)	56
12779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 1, 0)	56
13033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 0)	56

14447	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 0)	56
1017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 2, 0)	57
1033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 0)	57
2023	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 1, 0)	57
2025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 2, 0)	57
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2035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 0)	57
2043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 0)	57
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4133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 0)	57
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4169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 0)	57
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4219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 1, 0)	57
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8019	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 3, 1, 0)	57
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8137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 0)	57
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8189	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 0)	57
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8197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 2, 4, 0)	57
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8207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 0)	57
8211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 3, 1, 0)	57
8217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 3, 1, 2, 0)	57

8239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 0)	57
8263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 0)	57
8269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 3, 3, 0)	57
8273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 0)	57
8279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 0)	57
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8299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 0)	57
8331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 3, 2, 1, 0)	57
8337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 3, 2, 0)	57
8339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 3, 1, 0)	57
8367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 3, 2, 1, 1, 1, 0)	57
8377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 1, 2, 0)	57
8379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 1, 2, 1, 0)	57
8383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 0)	57
8417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 0)	57
8427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 1, 0)	57

8429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 0)	57
8439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 3, 1, 1, 0)	57
8447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 1, 1, 1, 0)	57
8519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 1, 1, 0)	57
9631	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	57
15673	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 0)	57
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16037	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 0)	57
16187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 5, 1, 2, 1, 0)	57
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16809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 0)	57
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16891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 4, 1, 2, 1, 2, 1, 0)	57
16893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 3, 0)	57
17019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 1, 4, 2, 1, 2, 1, 0)	57
17025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 2, 2, 2, 0)	57
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17039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 4, 1, 1, 1, 0)	57
17343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 2, 2, 3, 2, 5, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	57
17377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 2, 0)	57
17435	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	57

19227	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 3, 2, 1, 2, 1, 5, 1, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	57
19263	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 3, 1, 1, 1, 1, 1, 0)	57
1351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 0)	58
1377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 2, 0)	58
2697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 1, 2, 0)	58
2703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 1, 0)	58
2713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 0)	58
2729	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	58
2735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 0)	58
2755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 0)	58
2759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 0)	58
2779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 0)	58
2809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 0)	58
2815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 0)	58
5345	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 0)	58
5395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 0)	58

5401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 0)	58
5405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 0)	58
5425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 2, 0)	58
5427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 3, 1, 0)	58
5433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 2, 0)	58
5449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 0)	58
5459	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	58
5465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 0)	58
5471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 0)	58
5473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 0)	58
5509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 0)	58
5515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 1, 0)	58
5519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 0)	58
5559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 3, 1, 1, 0)	58
5611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	58
5619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 1, 0)	58

5625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 1, 2, 0)	58
5631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 1, 1, 1, 0)	58
5679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	58
10599	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 1, 1, 2, 1, 1, 0)	58
10691	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 0)	58
10789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 1, 4, 0)	58
10791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 5, 1, 2, 1, 1, 0)	58
10799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 0)	58
10801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 4, 2, 0)	58
10803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 3, 1, 0)	58
10813	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 0)	58
10843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 2, 1, 0)	58
10849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 0)	58
10851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 6, 1, 0)	58
10853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 0)	58
10857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 3, 1, 1, 1, 2, 0)	58

10867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 0)	58
10889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 0)	58
10897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 3, 2, 0)	58
10899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 3, 1, 0)	58
10907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 0)	58
10917	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 0)	58
10921	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	58
10929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 2, 4, 2, 0)	58
10931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 3, 1, 0)	58
10937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 0)	58
10941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 3, 0)	58
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10951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 4, 2, 2, 1, 1, 0)	58
10955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 0)	58
10985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 2, 0)	58
11017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 2, 0)	58

11021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 3, 0)	58
11025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 3, 3, 2, 0)	58
11031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 5, 1, 1, 0)	58
11037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 3, 0)	58
11041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 2, 0)	58
11065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 0)	58
11115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 2, 2, 1, 0)	58
11117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 0)	58
11119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 0)	58
11169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 1, 2, 2, 0)	58
11177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 0)	58
11223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 4, 1, 1, 0)	58
11237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 4, 0)	58
11251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 3, 1, 0)	58
11261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 0)	58
11355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 3, 1, 1, 2, 1, 1, 2, 1, 0)	58

11359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 4, 1, 1, 1, 1, 0)	58
11623	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 0)	58
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1801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 0)	59
1819	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	59
1823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 0)	59
1839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 1, 0)	59
3563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 0)	59
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3617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 0)	59
3639	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 0)	59
3643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 1, 0)	59
3647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 0)	59
3673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 0)	59
3679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 1, 0)	59
3705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 2, 0)	59

3745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 0)	59
3753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 2, 0)	59
7127	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 0)	59
7193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 0)	59
7199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 0)	59
7201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 2, 0)	59
7205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 4, 0)	59
7233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 2, 2, 0)	59
7235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 0)	59
7259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 1, 0)	59
7265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 0)	59
7271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 0)	59
7277	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 0)	59
7287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 3, 1, 1, 0)	59
7291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 0)	59
7293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 3, 0)	59

7297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 2, 0)	59
7303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 0)	59
7323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 2, 1, 0)	59
7345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 0)	59
7347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 3, 1, 0)	59
7353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 1, 2, 0)	59
7357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 0)	59
7411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 0)	59
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14385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 1, 4, 2, 0)	59
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14417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 0)	59
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14469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 4, 0)	59
14475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 1, 3, 2, 1, 0)	59
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14529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 3, 2, 2, 0)	59
14531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 4, 1, 0)	59

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14557	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 3, 0)	59
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14589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 3, 0)	59
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14599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 1, 3, 2, 1, 1, 0)	59
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14607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 6, 1, 1, 1, 0)	59
14623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 2, 2, 1, 4, 2, 1, 1, 1, 1, 0)	59
14647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 0)	59
14689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 2, 2, 0)	59
14691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 6, 1, 0)	59
14693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 4, 0)	59

14707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 3, 1, 0)	59
14717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 0)	59
14721	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 2, 2, 0)	59
14753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 2, 0)	59
14811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 5, 1, 1, 2, 1, 0)	59
14821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 4, 0)	59
14825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 2, 0)	59
14875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 5, 1, 1, 1, 1, 2, 1, 0)	59
14903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 0)	59
14963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 3, 1, 0)	59
14975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 0)	59
14981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 4, 0)	59
14983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 4, 4, 2, 1, 1, 0)	59
14987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 0)	59
15001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 3, 1, 2, 0)	59
15007	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 7, 1, 1, 2, 1, 1, 1, 1, 0)	59

15013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 0)	59
15145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 4, 1, 1, 1, 1, 2, 0)	59
15497	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 0)	59
17121	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 1, 2, 2, 0)	59
1215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 1, 0)	60
2375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	60
2401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 2, 0)	60
2411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 0)	60
2425	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 0)	60
2431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 0)	60
4751	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 0)	60
4795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 1, 0)	60
4799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 0)	60
4803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 4, 1, 0)	60
4823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 0)	60
4839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 1, 1, 0)	60

4843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 0)	60
4847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	60
4851	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 0)	60
4857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 1, 2, 0)	60
4861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 0)	60
4897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 0)	60
4905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 1, 2, 0)	60
4967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	60
4987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 0)	60
4993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 2, 0)	60
9287	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 0)	60
9501	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 3, 0)	60
9591	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 3, 1, 1, 0)	60
9599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 4, 1, 1, 1, 1, 1, 1, 0)	60
9601	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 2, 2, 0)	60
9605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 0)	60

9611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 0)	60
9643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 1, 0)	60
9645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 3, 0)	60
9659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 0)	60
9679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 0)	60
9687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 4, 1, 1, 0)	60
9695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 0)	60
9701	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 0)	60
9707	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	60
9715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 0)	60
9721	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 0)	60
9725	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 3, 0)	60
9729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 2, 2, 0)	60
9737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 0)	60
9793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 2, 0)	60
9795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 4, 1, 0)	60

9809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 0)	60
9811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 0)	60
9835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 2, 1, 0)	60
9881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 0)	60
9883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 2, 1, 0)	60
9935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 0)	60
9975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 3, 1, 1, 0)	60
9983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	60
9987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 4, 1, 0)	60
9991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 1, 0)	60
10009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 1, 2, 0)	60
10331	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	60
18343	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 3, 2, 1, 1, 2, 2, 1, 2, 1, 1, 0)	60
18427	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 0)	60
18543	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 3, 4, 4, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 1, 2, 1, 3, 1, 2, 2, 1, 1, 2, 1, 2, 1, 1, 1, 0)	60
18575	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 0)	60

18843	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 1, 3, 1, 1, 1, 2, 1, 0)	60
19005	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 3, 0)	60
19181	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 3, 0)	60
19197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 3, 0)	60
19199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 6, 2, 1, 1, 1, 1, 1, 1, 1, 0)	60
19201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 4, 2, 2, 2, 0)	60
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19213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 4, 3, 0)	60
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19239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 4, 1, 1, 3, 1, 2, 1, 1, 0)	60
19287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 4, 1, 1, 0)	60
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19293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 3, 0)	60

19303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 7, 1, 3, 3, 1, 1, 1, 1, 1, 2, 1, 1, 0)	60
19307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 5, 1, 2, 2, 1, 0)	60
19319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 3, 1, 1, 0)	60
19321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 5, 2, 1, 1, 1, 2, 1, 2, 0)	60
19337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 4, 1, 1, 1, 2, 1, 2, 1, 1, 2, 0)	60
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19367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 4, 2, 1, 2, 2, 2, 1, 2, 1, 1, 0)	60
19373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 3, 0)	60
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19443	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 3, 1, 0)	60

19445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 5, 0)	60
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19487	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 0)	60
19497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 2, 2, 1, 4, 2, 1, 1, 1, 1, 2, 0)	60
19529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 2, 0)	60
19585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 2, 2, 2, 0)	60
19587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 4, 1, 0)	60
19589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 4, 0)	60
19609	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 3, 1, 2, 0)	60
19619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 5, 1, 0)	60
19621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 1, 4, 0)	60
19627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 4, 2, 2, 2, 1, 0)	60
19671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 4, 1, 1, 0)	60

19751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 1, 2, 1, 1, 0)	60
19761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 4, 2, 0)	60
19763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 0)	60
19767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 3, 1, 1, 0)	60
19823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 4, 1, 2, 1, 1, 1, 0)	60
19833	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 5, 1, 1, 1, 1, 2, 1, 2, 0)	60
19869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 3, 0)	60
19879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 1, 2, 3, 2, 1, 2, 1, 1, 0)	60
19949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 3, 0)	60
19967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	60
19973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 4, 0)	60
19975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 3, 2, 1, 1, 0)	60
19977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 4, 4, 2, 1, 1, 2, 0)	60
19979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 0)	60
19983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 5, 1, 1, 1, 0)	60
20001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 3, 1, 2, 2, 0)	60

1583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	61
1607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 0)	61
3167	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 0)	61
3199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	61
3201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 2, 2, 0)	61
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3231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	61
3233	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 0)	61
3241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 0)	61
3311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	61
6191	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 0)	61
6333	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 3, 0)	61
6393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 1, 2, 0)	61
6399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 4, 1, 1, 1, 1, 1, 1, 1, 0)	61
6403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 1, 0)	61
6407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 0)	61

6429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 3, 0)	61
6439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 0)	61
6457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 2, 0)	61
6463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 0)	61
6467	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 1, 0)	61
6471	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	61
6481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 0)	61
6483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 3, 1, 0)	61
6491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 0)	61
6529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 0)	61
6539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 0)	61
6587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 0)	61
6623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	61
6649	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 2, 0)	61
6655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	61
6657	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 2, 2, 0)	61

6887	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	61
12383	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 0)	61
12669	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 3, 0)	61
12787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 3, 1, 0)	61
12797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 0)	61
12799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 6, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	61
12801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 2, 2, 2, 0)	61
12805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 2, 4, 0)	61
12811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 0)	61
12815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 0)	61
12857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 1, 2, 0)	61
12859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 4, 1, 2, 1, 0)	61
12861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 3, 0)	61
12871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 5, 1, 2, 2, 1, 1, 0)	61
12879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 3, 1, 1, 1, 0)	61
12891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 4, 1, 1, 1, 2, 1, 2, 1, 1, 2, 1, 0)	61

12905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 0)	61
12911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 4, 2, 1, 2, 2, 2, 1, 2, 1, 1, 1, 0)	61
12915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 3, 1, 0)	61
12925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 3, 0)	61
12933	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 4, 0)	61
12939	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 3, 2, 1, 0)	61
12943	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 0)	61
12953	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 0)	61
12961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 2, 0)	61
12963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 5, 1, 0)	61
12965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 4, 0)	61
12975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 3, 3, 2, 1, 1, 1, 0)	61
12983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 3, 1, 1, 0)	61
12991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 0)	61
13019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 2, 1, 0)	61
13057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 2, 2, 0)	61

13059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 4, 1, 0)	61
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13081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 0)	61
13113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 2, 1, 2, 0)	61
13167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 1, 2, 1, 1, 1, 0)	61
13175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 0)	61
13177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 2, 1, 2, 0)	61
13215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 4, 1, 2, 1, 1, 1, 1, 0)	61
13245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 3, 0)	61
13299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 3, 1, 0)	61
13311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	61
13315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 4, 1, 0)	61
13319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 0)	61
13321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 1, 2, 0)	61
13339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 7, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	61
13345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 1, 2, 2, 0)	61

13775	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 0)	61
1055	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	62
1071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 1, 0)	62
2111	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 0)	62
2143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 0)	62
2155	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 0)	62
2207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	62
4127	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 0)	62
4221	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 3, 0)	62
4265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 0)	62
4271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 0)	62
4285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 0)	62
4311	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 1, 1, 0)	62
4321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 0)	62
4327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 1, 0)	62
4359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 1, 0)	62

4391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 0)	62
4415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	62
4591	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	62
8255	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 0)	62
8445	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 3, 0)	62
8531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 0)	62
8537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 1, 2, 0)	62
8543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 0)	62
8571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 1, 2, 1, 0)	62
8573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 0)	62
8585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 0)	62
8603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 0)	62
8607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 4, 2, 1, 2, 2, 2, 1, 2, 1, 1, 1, 1, 0)	62
8609	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 2, 2, 0)	62
8617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 2, 0)	62
8621	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 0)	62

8635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 0)	62
8641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 2, 0)	62
8643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 4, 1, 0)	62
8655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 3, 1, 1, 1, 0)	62
8679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 2, 1, 1, 0)	62
8705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 0)	62
8719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 5, 1, 1, 1, 0)	62
8783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 0)	62
8829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 3, 0)	62
8865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 2, 2, 0)	62
8873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	62
8879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 1, 0)	62
9183	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 0)	62
16379	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 0)	62
16509	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 1, 1, 1, 3, 0)	62
16885	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 1, 1, 1, 5, 0)	62

17049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 3, 1, 2, 0)	62
17055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 6, 2, 3, 1, 1, 2, 1, 1, 1, 1, 0)	62
17061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 4, 0)	62
17065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 6, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	62
17067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 4, 2, 2, 2, 2, 1, 0)	62
17071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 3, 3, 2, 1, 1, 1, 0)	62
17073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 2, 4, 2, 0)	62
17075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 3, 1, 0)	62
17081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 0)	62
17085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 3, 0)	62
17141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 5, 0)	62
17143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 3, 1, 1, 0)	62
17145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 4, 1, 2, 1, 2, 0)	62
17147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 0)	62
17161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 5, 1, 2, 2, 1, 1, 2, 0)	62
17171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 0)	62

17207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 3, 1, 1, 0)	62
17215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 4, 2, 1, 2, 2, 2, 3, 1, 1, 1, 1, 1, 0)	62
17219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 0)	62
17233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 3, 2, 0)	62
17235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 3, 1, 0)	62
17245	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 1, 3, 0)	62
17257	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 0)	62
17271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 3, 1, 1, 0)	62
17281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 2, 2, 0)	62
17283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 4, 1, 0)	62
17285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 4, 0)	62
17287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 5, 2, 1, 1, 0)	62
17309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 0)	62
17321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 0)	62
17359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 1, 0)	62
17409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 2, 2, 2, 0)	62

17411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 4, 1, 0)	62
17415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 3, 3, 2, 1, 1, 0)	62
17437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 3, 0)	62
17441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 0)	62
17447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 4, 1, 2, 1, 1, 0)	62
17479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 0)	62
17565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 3, 0)	62
17569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 2, 1, 2, 2, 0)	62
17661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 3, 0)	62
17731	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 0)	62
17747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	62
17753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 4, 1, 2, 0)	62
17755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 3, 2, 1, 1, 2, 1, 0)	62
17759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 0)	62
17761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 1, 2, 2, 0)	62
17785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 7, 1, 1, 2, 1, 1, 1, 1, 2, 1, 2, 0)	62

17793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 1, 2, 2, 2, 0)	62
17823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 6, 1, 3, 3, 1, 3, 2, 2, 1, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	62
18279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 6, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	62
18365	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 3, 0)	62
703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	63
1407	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 1, 0)	63
1471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	63
2751	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 1, 0)	63
2813	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 3, 0)	63
2843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	63
2847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 1, 0)	63
2857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 0)	63
2873	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 0)	63
2927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 0)	63
2943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	63
5503	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 0)	63

5629	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 0)	63
5687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 0)	63
5691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 1, 2, 1, 0)	63
5695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 1, 0)	63
5713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 2, 0)	63
5715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 1, 0)	63
5723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 0)	63
5735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 0)	63
5739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 2, 2, 1, 0)	63
5747	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 1, 0)	63
5761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 0)	63
5769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 1, 2, 0)	63
5803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 1, 0)	63
5855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 1, 0)	63
5885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 0)	63
5915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	63

5919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 1, 1, 0)	63
6121	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 0)	63
10919	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 1, 0)	63
11005	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 3, 0)	63
11253	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 5, 0)	63
11373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 3, 0)	63
11383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 3, 1, 1, 0)	63
11387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 0)	63
11389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 0)	63
11427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 5, 1, 0)	63
11429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 0)	63
11431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 0)	63
11447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 0)	63
11471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 3, 1, 1, 1, 0)	63
11479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 1, 0)	63
11489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 2, 2, 0)	63

11493	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 4, 0)	63
11513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 2, 0)	63
11521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 2, 2, 0)	63
11523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 4, 1, 0)	63
11539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 0)	63
11547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 1, 0)	63
11607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 4, 1, 1, 0)	63
11625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 5, 1, 1, 1, 2, 0)	63
11627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 0)	63
11631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 4, 1, 2, 1, 1, 1, 0)	63
11709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 3, 0)	63
11773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 0)	63
11831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 0)	63
11835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 4, 1, 2, 1, 0)	63
11839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 0)	63
12243	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 3, 1, 0)	63

13503	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 3, 2, 1, 2, 1, 5, 1, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 1, 1, 1, 1, 0)	63
937	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 0)	64
1875	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 1, 0)	64
1895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	64
1915	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 0)	64
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3749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 4, 0)	64
3791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 0)	64
3809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 0)	64
3815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 0)	64
3823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 1, 0)	64
3831	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 1, 1, 0)	64
3903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 1, 1, 0)	64
3923	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 0)	64
3943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	64

7279	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 1, 1, 0)	64
7337	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 0)	64
7501	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 0)	64
7505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 0)	64
7581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 3, 0)	64
7591	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 1, 0)	64
7593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 1, 2, 0)	64
7617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 2, 2, 0)	64
7619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 1, 0)	64
7631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 0)	64
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7659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 2, 2, 1, 0)	64
7661	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 0)	64
7675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 2, 1, 0)	64
7681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 0)	64
7737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 1, 2, 0)	64

7751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 0)	64
7805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 0)	64
7845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 4, 0)	64
7887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 0)	64
8161	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 2, 0)	64
14559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 3, 1, 1, 1, 1, 0)	64
14673	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 3, 2, 0)	64
14675	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 3, 1, 0)	64
14997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 6, 0)	64
15011	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 0)	64
15165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 3, 0)	64
15177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 3, 1, 1, 2, 0)	64
15183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 3, 1, 1, 1, 0)	64
15185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 2, 0)	64
15187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 0)	64
15235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 4, 1, 0)	64

15237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 4, 0)	64
15239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 5, 2, 1, 1, 0)	64
15241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 0)	64
15261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 3, 0)	64
15263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 1, 2, 1, 1, 1, 1, 0)	64
15293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 3, 0)	64
15305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 1, 2, 0)	64
15319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 0)	64
15325	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 1, 3, 0)	64
15335	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 0)	64
15339	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 1, 0)	64
15351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 3, 1, 1, 0)	64
15361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 2, 2, 2, 0)	64
15363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 4, 1, 0)	64
15367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 3, 3, 2, 1, 1, 0)	64
15385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 0)	64

15391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 4, 3, 1, 1, 3, 1, 1, 2, 2, 1, 1, 1, 1, 0)	64
15475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 3, 1, 0)	64
15499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 3, 2, 1, 0)	64
15503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 4, 1, 1, 1, 0)	64
15613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 1, 3, 0)	64
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15693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 3, 0)	64
15697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 2, 0)	64
15773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 3, 0)	64
15783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 4, 3, 2, 1, 2, 1, 1, 0)	64
15785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 0)	64
15787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 1, 2, 2, 2, 1, 0)	64
15807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 5, 5, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	64
15815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 0)	64
16323	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 4, 1, 0)	64
1249	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 0)	65

1263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	65
1307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	65
2499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 4, 1, 0)	65
2527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	65
2539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 0)	65
2543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 0)	65
2553	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 2, 0)	65
2601	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 2, 0)	65
2615	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 0)	65
4891	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 1, 0)	65
4997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 0)	65
5003	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 0)	65
5053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 0)	65
5079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 1, 1, 0)	65
5087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 0)	65
5097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 1, 2, 0)	65

5107	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 0)	65
5167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 0)	65
5203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 0)	65
5229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 3, 0)	65
5257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	65
9705	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 1, 1, 2, 0)	65
9783	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 3, 1, 1, 0)	65
9997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 4, 3, 0)	65
10001	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 0)	65
10007	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 0)	65
10109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 0)	65
10121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 1, 2, 0)	65
10123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 2, 1, 0)	65
10157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 3, 0)	65
10159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 5, 2, 1, 1, 1, 0)	65
10173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 3, 0)	65

10175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 1, 2, 1, 1, 1, 1, 1, 0)	65
10195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 3, 1, 0)	65
10203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 1, 2, 1, 0)	65
10213	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 4, 0)	65
10223	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 0)	65
10233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 2, 1, 2, 0)	65
10241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 0)	65
10335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 4, 1, 1, 1, 1, 0)	65
10405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 0)	65
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10543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 0)	65
10881	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 2, 2, 0)	65
19323	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 3, 2, 1, 1, 2, 2, 1, 2, 1, 1, 2, 2, 1, 2, 1, 0)	65
19411	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 1, 3, 1, 0)	65

19565	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 0)	65
19567	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 1, 3, 2, 1, 4, 1, 2, 1, 4, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 1, 1, 1, 0)	65
19989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 6, 0)	65
871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	66
1665	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 2, 0)	66
1695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	66
1743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 1, 0)	66
3331	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 0)	66
3335	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 0)	66
3369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 2, 0)	66
3385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 0)	66
3391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 0)	66
3485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 0)	66
6521	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 0)	66
6661	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 4, 0)	66
6667	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 1, 0)	66

6671	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 0)	66
6737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 2, 0)	66
6739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 1, 0)	66
6747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 1, 2, 1, 0)	66
6771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 3, 1, 0)	66
6781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 3, 0)	66
6783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 1, 2, 1, 1, 1, 1, 1, 1, 0)	66
6809	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 0)	66
6815	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 0)	66
6827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 1, 0)	66
6889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 2, 0)	66
6937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 2, 0)	66
6973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 3, 0)	66
7009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 0)	66
7015	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 0)	66
13043	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 0)	66

13325	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 3, 0)	66
13329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 4, 3, 2, 0)	66
13335	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 5, 1, 1, 0)	66
13341	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 3, 0)	66
13475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 0)	66
13477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 4, 0)	66
13495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 3, 1, 1, 0)	66
13497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 2, 1, 2, 0)	66
13499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 0)	66
13541	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 4, 0)	66
13545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 5, 2, 1, 1, 1, 2, 0)	66
13547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 0)	66
13565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 3, 0)	66
13567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 0)	66
13593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 3, 1, 2, 0)	66
13617	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 4, 2, 0)	66

13619	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 3, 1, 0)	66
13631	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 3, 1, 1, 1, 1, 1, 0)	66
13655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 0)	66
13659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 3, 3, 2, 1, 1, 2, 1, 0)	66
13675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 0)	66
13755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 3, 1, 2, 1, 0)	66
13779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 3, 1, 0)	66
13871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	66
13873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 0)	66
13875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 3, 1, 0)	66
13941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 5, 0)	66
14019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 4, 1, 0)	66
14031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 3, 1, 1, 1, 0)	66
14057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 0)	66
14495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	66
14511	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 3, 2, 1, 1, 1, 0)	66

1161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	67
2223	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 0)	67
2323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 0)	67
4347	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	67
4441	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 0)	67
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4491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 2, 1, 0)	67
4513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 2, 0)	67
4521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 2, 0)	67
4539	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 1, 0)	67
4543	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 1, 0)	67
4551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 1, 1, 0)	67
4645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 0)	67
8695	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 0)	67
8881	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 4, 2, 0)	67
8883	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 3, 1, 0)	67

8889	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 1, 2, 0)	67
8893	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 3, 0)	67
8983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 0)	67
8985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 1, 2, 0)	67
8999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 0)	67
9027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 4, 1, 0)	67
9031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 0)	67
9041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 3, 2, 0)	67
9043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 0)	67
9079	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 3, 1, 1, 0)	67
9087	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 3, 1, 1, 1, 1, 1, 1, 0)	67
9103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 1, 0)	67
9185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 2, 2, 0)	67
9247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	67
9249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 2, 2, 0)	67
9293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 3, 0)	67

9297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 3, 2, 0)	67
9345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 2, 0)	67
9353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	67
9371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 0)	67
9663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	67
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17779	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 1, 0)	67
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17971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 3, 1, 0)	67
17993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 3, 1, 1, 2, 0)	67

17999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 0)	67
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18139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 3, 1, 1, 2, 1, 0)	67
18151	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 5, 2, 1, 2, 4, 1, 1, 1, 1, 2, 2, 1, 2, 1, 1, 2, 1, 1, 0)	67
18155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 2, 2, 1, 0)	67
18157	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 0)	67
18173	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 3, 0)	67

18205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 1, 3, 0)	67
18207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 4, 3, 2, 1, 1, 1, 1, 0)	67
18233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 0)	67
18247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 1, 0)	67
18287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 3, 1, 2, 1, 1, 1, 0)	67
18371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 4, 1, 0)	67
18495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 0)	67
18497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 2, 0)	67
18499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 4, 1, 0)	67
18503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 2, 2, 1, 1, 0)	67
18581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 6, 0)	67
18595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 5, 1, 0)	67
18603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 2, 2, 2, 1, 0)	67
18671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 6, 1, 2, 2, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	67
18691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 4, 1, 0)	67
18695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 3, 2, 1, 1, 0)	67

18707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 3, 1, 0)	67
18743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 3, 1, 1, 0)	67
19327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	67
3097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 0)	68
5921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 0)	68
5929	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 2, 0)	68
5999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 0)	68
6017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 0)	68
6027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 3, 2, 1, 0)	68
6057	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	68
6123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 2, 2, 1, 0)	68
6193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 0)	68
6195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 3, 1, 0)	68
6235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	68
6247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 0)	68
11593	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 0)	68

11841	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 4, 2, 2, 0)	68
11843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 0)	68
11857	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 3, 2, 0)	68
11859	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 3, 1, 0)	68
11977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 2, 0)	68
11979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 4, 2, 1, 0)	68
11995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 3, 1, 1, 2, 1, 0)	68
11999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 1, 0)	68
12035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 0)	68
12039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 1, 3, 2, 1, 1, 0)	68
12041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 0)	68
12055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 0)	68
12057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 2, 0)	68
12059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	68
12103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 2, 2, 1, 1, 0)	68
12105	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 3, 1, 1, 2, 0)	68

12115	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 3, 1, 0)	68
12137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 1, 2, 0)	68
12155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 0)	68
12191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 3, 1, 2, 1, 1, 1, 1, 0)	68
12247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 4, 1, 1, 0)	68
12329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 0)	68
12331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 2, 1, 0)	68
12335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 2, 2, 1, 1, 1, 0)	68
12387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 6, 1, 0)	68
12389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 4, 0)	68
12447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 6, 1, 2, 2, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	68
12463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 3, 2, 1, 1, 1, 0)	68
12471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 3, 1, 1, 0)	68
12495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 3, 1, 1, 1, 0)	68
3947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 0)	69
3999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 1, 0)	69

4011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 1, 0)	69
4129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 2, 0)	69
7895	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 0)	69
7905	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 2, 2, 0)	69
7999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 1, 1, 0)	69
8023	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 0)	69
8027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 0)	69
8039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	69
8091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 1, 2, 1, 0)	69
8103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 1, 0)	69
8127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 3, 1, 2, 1, 1, 1, 1, 1, 0)	69
8219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 0)	69
8223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 2, 2, 1, 1, 1, 1, 0)	69
8257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 0)	69
8259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 4, 1, 0)	69
8313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 2, 0)	69

8329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 0)	69
15457	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 2, 0)	69
15789	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 3, 0)	69
15803	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 3, 2, 3, 1, 2, 1, 0)	69
15809	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 3, 2, 2, 0)	69
15811	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 4, 1, 0)	69
15969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 2, 2, 0)	69
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16073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 2, 0)	69
16075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 4, 2, 1, 0)	69
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16123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 3, 1, 1, 2, 1, 2, 1, 0)	69
16127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	69

16137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 2, 2, 1, 1, 2, 0)	69
16139	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 0)	69
16153	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 3, 1, 2, 0)	69
16159	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 0)	69
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16207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 3, 1, 1, 1, 0)	69
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16231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 1, 2, 1, 5, 1, 1, 4, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	69
16255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 3, 3, 1, 1, 1, 1, 1, 1, 0)	69
16327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 3, 2, 1, 2, 2, 2, 1, 1, 0)	69
16329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 4, 1, 1, 2, 0)	69
16367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 1, 2, 1, 1, 1, 0)	69
16439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 0)	69
16441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 2, 1, 2, 0)	69
16443	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 4, 1, 2, 1, 0)	69
16447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 1, 1, 1, 0)	69

16515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 4, 1, 0)	69
16517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 0)	69
16617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 3, 2, 1, 1, 1, 2, 0)	69
16627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 0)	69
16659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 3, 1, 0)	69
17179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 0)	69
2631	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 1, 0)	70
5263	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 1, 0)	70
5351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 0)	70
5359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	70
5479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 0)	70
5505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 2, 2, 0)	70
10525	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 0)	70
10535	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 1, 2, 1, 1, 0)	70
10539	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 3, 2, 2, 1, 0)	70
10665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 1, 1, 2, 0)	70

10697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 2, 0)	70
10703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 1, 0)	70
10715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 2, 1, 0)	70
10719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	70
10751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	70
10759	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 0)	70
10911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 1, 2, 1, 1, 1, 1, 0)	70
10959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 1, 0)	70
11009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 0)	70
11011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 0)	70
11105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 0)	70
3567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 1, 0)	71
7017	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 1, 2, 0)	71
7023	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 3, 2, 3, 1, 2, 1, 1, 1, 0)	71
7131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 2, 1, 0)	71
7135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 1, 1, 0)	71

7143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 2, 1, 1, 0)	71
7145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	71
7167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	71
7305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 2, 0)	71
7339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 0)	71
7403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 0)	71
13739	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 2, 2, 1, 0)	71
14033	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 0)	71
14035	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 3, 1, 0)	71
14047	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 3, 1, 1, 1, 1, 0)	71
14219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 0)	71
14263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 3, 1, 1, 0)	71
14269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 0)	71
14271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 1, 2, 1, 1, 1, 1, 1, 0)	71
14287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 0)	71
14291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 0)	71

14319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 1, 6, 1, 1, 2, 1, 1, 1, 0)	71
14331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 3, 1, 1, 2, 1, 2, 1, 2, 1, 0)	71
14335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	71
14345	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 0)	71
14363	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 0)	71
14383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 2, 2, 2, 2, 2, 1, 2, 2, 1, 1, 1, 0)	71
14427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 1, 2, 1, 5, 1, 1, 4, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	71
14611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 3, 1, 0)	71
14619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 1, 1, 1, 2, 1, 0)	71
14679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 4, 1, 1, 0)	71
14681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 0)	71
14767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 4, 2, 1, 1, 1, 0)	71
14779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 2, 1, 0)	71
14807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 4, 1, 1, 0)	71
4763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 0)	72
4935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 1, 0)	72

9159	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 2, 2, 1, 1, 0)	72
9355	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 0)	72
9479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 0)	72
9513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 1, 1, 2, 0)	72
9527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 1, 0)	72
9563	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 1, 0)	72
9575	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 0)	72
9785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 0)	72
9787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 1, 0)	72
9871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 4, 1, 1, 1, 0)	72
18319	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 1, 0)	72
18711	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 5, 1, 1, 0)	72
18713	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 3, 1, 2, 0)	72
18729	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 3, 1, 1, 1, 1, 2, 0)	72
18927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 1, 1, 3, 4, 2, 1, 2, 1, 1, 3, 1, 2, 1, 1, 2, 1, 1, 1, 0)	72
18959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 5, 1, 1, 1, 0)	72

19017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 3, 1, 1, 2, 0)	72
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19113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	72
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19207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 3, 2, 1, 1, 0)	72
19481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 3, 1, 2, 0)	72
19483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 6, 1, 8, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 2, 1, 0)	72
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19579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 3, 3, 2, 1, 2, 1, 0)	72
19611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 3, 1, 3, 1, 2, 1, 4, 1, 2, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 0)	72
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19705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 2, 1, 2, 0)	72
19707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 1, 5, 1, 2, 1, 1, 1, 2, 1, 2, 1, 0)	72
19741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 3, 0)	72
3175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 0)	73
6319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 0)	73
6351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 1, 1, 0)	73
6375	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 1, 1, 0)	73
6383	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	73

6523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 1, 0)	73
12473	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 0)	73
12475	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 3, 1, 2, 1, 0)	73
12639	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 5, 1, 1, 1, 1, 0)	73
12683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 0)	73
12699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 1, 0)	73
12701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 0)	73
12751	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 3, 1, 1, 1, 0)	73
12767	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 3, 1, 1, 1, 1, 0)	73
12783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 3, 4, 2, 1, 2, 1, 2, 3, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	73
12987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 3, 1, 2, 1, 0)	73
13047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 3, 1, 1, 0)	73
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13161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 4, 1, 1, 1, 2, 0)	73
4233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 0)	74
4255	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	74

8315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 0)	74
8425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 2, 0)	74
8455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 1, 0)	74
8467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 1, 0)	74
8511	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	74
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8699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 1, 2, 1, 0)	74
16283	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 1, 2, 1, 0)	74
16631	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 0)	74
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16851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 3, 1, 0)	74
16895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 4, 1, 1, 1, 3, 5, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	74
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16911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 5, 1, 1, 1, 0)	74
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17021	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 3, 0)	74
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17515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 2, 1, 2, 2, 1, 0)	74
17547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 3, 2, 1, 0)	74
5543	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 0)	75
5673	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	75
5799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 1, 2, 1, 1, 0)	75
10855	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 1, 2, 1, 1, 0)	75
11087	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 0)	75
11233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 2, 2, 0)	75
11263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 4, 1, 1, 1, 3, 5, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	75
11273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 1, 2, 0)	75

11289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 1, 2, 0)	75
11347	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 0)	75
11391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 6, 2, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	75
11599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 3, 1, 1, 1, 0)	75
3695	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 1, 0)	76
7391	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 0)	76
7515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 1, 2, 1, 0)	76
14473	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 1, 2, 1, 1, 2, 0)	76
14781	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 3, 0)	76
14977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 2, 2, 2, 0)	76
15017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 4, 1, 1, 1, 3, 5, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	76
15031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 3, 1, 1, 0)	76
15051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 4, 2, 1, 0)	76
15087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 1, 5, 1, 2, 1, 2, 2, 1, 2, 2, 2, 1, 1, 1, 2, 1, 1, 1, 0)	76
15111	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 1, 3, 2, 1, 1, 0)	76
15129	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 2, 0)	76

15175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 3, 2, 1, 1, 2, 2, 1, 1, 0)	76
15465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 3, 1, 1, 1, 2, 0)	76
2463	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 1, 1, 0)	77
4927	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 0)	77
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6569	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 0)	78
13137	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 1, 3, 2, 0)	78
13139	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 0)	78
13159	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 5, 3, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	78
13423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 1, 0)	78

13447	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 2, 1, 1, 0)	78
13743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 1, 4, 2, 1, 1, 1, 0)	78
4379	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 0)	79
8759	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 0)	79
17023	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 0)	79
17517	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 3, 0)	79
17545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 5, 3, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	79
17839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 1, 4, 2, 1, 1, 1, 0)	79
17897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 1, 2, 0)	79
17929	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 2, 1, 1, 2, 0)	79
2919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 1, 0)	80
5839	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 1, 0)	80
11677	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 0)	80
11931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 1, 2, 1, 0)	80
7785	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 1, 2, 0)	81
15131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	81

15569	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 0)	81
15571	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 3, 1, 0)	81
15595	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 5, 3, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 1, 0)	81
15855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 1, 2, 1, 1, 1, 0)	81
15919	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 1, 5, 1, 1, 1, 2, 2, 1, 1, 1, 0)	81
16431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 5, 1, 1, 2, 1, 2, 2, 1, 1, 1, 0)	81
10087	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	82
10379	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 0)	82
6919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 1, 0)	83
13449	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	83
13839	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 5, 1, 1, 1, 0)	83
9225	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 1, 2, 0)	84
18451	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 3, 1, 0)	84
18759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 2, 5, 1, 1, 3, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	84
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18943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 3, 1, 2, 6, 1, 2, 1, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 4, 3, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	84
12527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 0)	85
12591	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 2, 1, 1, 2, 2, 2, 2, 1, 1, 1, 0)	85
8351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 0)	86
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16623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 3, 3, 2, 1, 1, 4, 1, 1, 1, 1, 2, 1, 1, 1, 0)	86
16703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	86
17151	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 5, 1, 1, 3, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 3, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	86
17255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 4, 3, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	86
5567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	87
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3711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	88
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14831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 0)	88
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10239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 4, 4, 2, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	89
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19795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 3, 1, 0)	89
6591	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 0)	90
13183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 3, 1, 1, 1, 1, 1, 1, 0)	90
13195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 0)	90
13439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 0)	90
13551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 5, 1, 1, 3, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 3, 4, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	90
8959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	91
17577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 3, 1, 1, 1, 1, 1, 1, 2, 0)	91
17593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 2, 0)	91

17595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 0)	91
17919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 0)	91
18203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 4, 4, 2, 1, 1, 3, 1, 2, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	91
11945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 0)	92
12135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 4, 4, 2, 1, 1, 3, 1, 2, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	92
7963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	93
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18515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 3, 1, 0)	96

18599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 3, 1, 1, 2, 3, 3, 1, 2, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 0)	96
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6171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 2, 1, 0)	97
12343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 3, 1, 1, 0)	97
12399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 3, 1, 1, 2, 3, 3, 1, 2, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	97
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16777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 0)	98
10971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 3, 1, 1, 2, 1, 0)	99
14695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 3, 1, 1, 2, 3, 3, 1, 2, 1, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 1, 2, 1, 1, 0)	100
15039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 5, 1, 1, 3, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 3, 4, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 1, 1, 1, 1, 0)	100

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19883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 2, 2, 1, 0)	101
13255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 2, 2, 1, 1, 0)	102
17647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 4, 3, 1, 1, 1, 3, 3, 3, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 5, 1, 1, 4, 1, 3, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	103
17673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 2, 2, 1, 1, 2, 0)	103